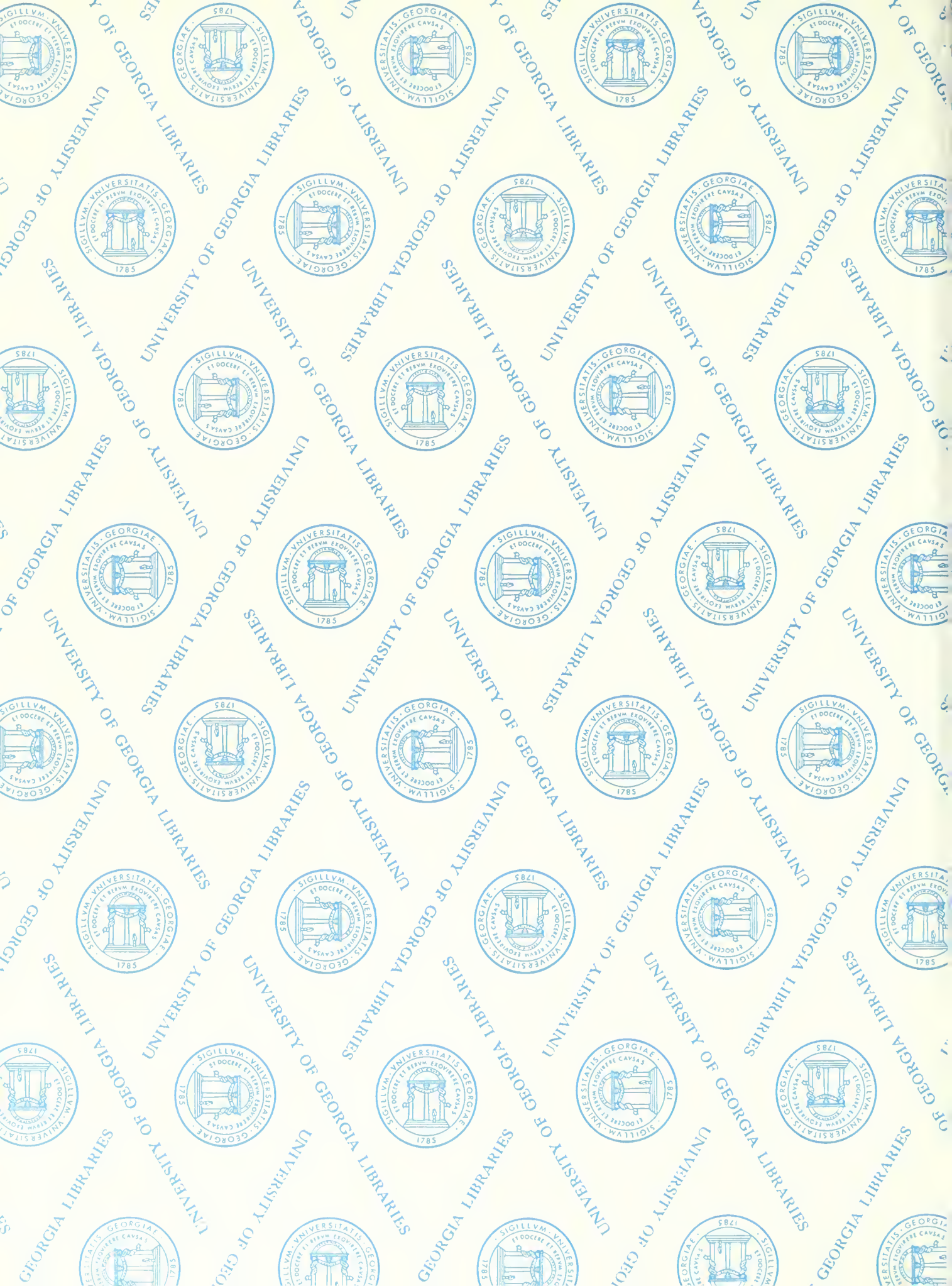


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Route 1, Box 85
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Thomas R. Fontaine, Jr. - Assoc. Ed.
Thomas B. Hall - Artist

DISTRICT OFFICES GEORGIA FORESTRY COMMISSION

DISTRICT I - Route 2
Statesboro, 30458
DISTRICT II - P. O. Box 429
Camilla, 31730
DISTRICT III - P. O. Box 169
Americus, 31709
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Cruising The News

Action Line

The U.S. Forest Service thinks that uncounted millions of acres of trees have been saved since Smokey Bear was introduced in 1945. In that year 18 million forest acres were burned, but in 1968 the figure was down to 4.5 million acres nationally.

(From the Atlanta Constitution)

Rags To Riches

The tourists who visit Georgia each year and marvel at the acres and acres of Pine Trees are viewing the conclusion of one of the great rags to riches sagas in state industrial annals. Just five decades ago experts predicted Georgia forests and, consequently, the lumber industry, would become part of the past within 10 years. But today the Georgia Chamber of Commerce has designated this week as a salute to the lumber wood products industry, the fifth in the state.

Thanks to the farsightedness of Georgia businessmen, state forests have not only been saved, but today are the national leader in the number of tree farm acreage and in privately owned farm land.

At the same time, the lumber wood products and furniture industries have surged forward. Some 33,500 state residents are employed in this expanding industry, earning more than \$132.8 million annually.

Presently 17,500 of these are employed at logging camps in 127 counties and 8,200 more in millwork producing enough finished lumber each year to build 120,000 houses and 17 per cent of all lumber used in this nation for all purposes.

Thousands of others are engaged in the manufacturing of finished household furniture at the 234 firms located in 76 counties throughout the state.

The contributions of this industry do not end here, though. Some 24.8 million acres, 69 per cent of the total land area of the state, are currently sewn in timber and the industry has made available 3.3 million acres of woodland for use of outdoorsmen for hunting, fishing, camping, hiking and swimming.

The lumber wood products and furniture industry have become a major industrial force in this state and we salute them for their contributions, both to the economy and in the area of public service. Thanks to them, lumber is big business.

(From the Macon News)

Forestry First

Forester Joins Planning And Development Commission Staff

Archie R. McEuen, project forester, Greenville, has been assigned to the staff of the Slash Pine Area Planning and Development Commission in Waycross. This marks the first time that a forester has been included on a planning and development staff, according to the announcement by Ray Shirley, director, Georgia Forestry Commission. Max W. Harral, executive director of the Planning and Development Commission.

Shirley stated that the experimental program, jointly sponsored by the two agencies, is being financed under a grant from the U.S. Forest Service. The purpose of the program is to explore areas in which the discipline and experience of a forester can be used to the best advantage, Shirley pointed out.

McEuen's title is "Economic Planner" with his work relating to industrial development, land use, tourism and recreation and natural resources. Harral said McEuen will research forest resources and work toward better utilization of these resources. He will coordinate research activities and draw upon available services on the State and Federal levels in wood utilization, Harral said.

Shirley said that the Forestry Commission selected the Slash Pine Commission



Max W. Harral, executive director, maps out work plan with Archie McEuen, left, for nine county area covered by the Planning and Development Commission.



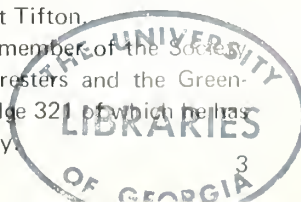
Archie McEuen, economic planner, right, works with industry on better utilization of raw material.

sion for this program because over 74 percent of its land area was in forest. In addition, the program of this group is comprehensive enough to enable the forester to participate in a broad role of planning and development. The nine county area includes Atkinson, Bacon, Ben Hill, Brantley, Charlton, Clinch, Coffee, Pierce and Ware.

McEuen came with the Forestry Commission in 1959 as an assistant district forester in the Newnan District with offices at Greenville. He was made a project forester under the Commission's reorganization plan in July 1969.

A native of Waycross, McEuen graduated from the University of Georgia School of Forest Resources in 1959. Earlier, he attended Valdosta State College and ABAC at Tifton.

McEuen is a member of the Society of American Foresters and the Greenville Masonic Lodge 321, of which he has served as secretary.





Cultural Practices Upgraded

The implementation of the forestry phase of the Resource Conservation and Development Program is in its fifth year.

The forestry phase of the RC&D project, extending over a 15 year period, involves the development of forest resources in Gwinnett County according to Crawford Cooper, area forester, Georgia Forestry Commission, Lawrenceville. Cooper pointed out that the work plan was initially based on 1964 forest conditions and management practices.

At that time poor marketing and cultural practices were being followed; and unwise timber harvesting methods and inadequate markets existed.

These conditions and situations have been combatted with the compilation of 487 management plans, the planting of 432,100 tree seedlings, the natural seeding of 8,750 acres and the selective marking of 438,000 board feet of sawtimber and 4,598 cords of pulpwood on 3,839 acres.

Adequate forest protection is essential in a forest based economy. This is being achieved through the Gwinnett County Forestry Unit, Ray Thomas, ranger. In 1968 the Unit personnel suppressed 163 wildfires that burned 454 forest acres for an average of 2.79 acres per fire.

Cooper pointed out that this is just a beginning of an effort to provide timber stand improvement on 81,000 forest acres, to plant 17,000 acres of old fields and idle land and convert some 16,000 acres into merchantable timber.

Since the program inception, Cooper cited the growth of forest industries in Gwinnett County. Stumpage returns to landowners have increased seven times to \$3 million; wood-using industry payrolls have more than doubled from \$1.3 million to \$3.1 million. It is estimated that the 27 forestry oriented industries in Gwinnett County generate \$6 million into the economy of Gwinnett County annually.

Cooper added that the success of the RC&D Program is due to its unique origin and cooperative community spirit of local people realizing their needs in various areas of development. Gwinnett County has the distinction of being the first urban-rural area to participate in the program.



Landowner Hugh T. Cates consults Crawford Cooper, area forester, Georgia Forestry Commission, Lawrenceville, on cutting practices to be carried out on this 27-year-old natural stand of loblolly pine. The cutting will eliminate deformed and diseased trees and is aimed at increasing the productivity of the stand.



Lloyd L. Harris, coordinator, RC&D Program, Gwinnett County, right, and Crawford Cooper, area forester, Georgia Forestry Commission, inspect a site that is among the 17,000 acres of idle land that are in need of planting. Planting on such areas makes the land productive and enhances soil and water use.

Georgia Nears 7 Million Cord Production



Georgia, for the 21st consecutive year, has led the South in pulpwood production. The 1968 production of 6,919,300 cords was an increase of nine percent over 1967, according to the report Southern Pulpwood Production, 1968, released by the USDA Forest Service in cooperation with the Southeastern and Southwestern Divisions of the American Pulpwood Association.

Alabama was second with a production of 6,131,100 cords of round pulpwood and residues. The South established another record high of 37,075,355 cords, an increase of 10 percent over 1967.

Other southern states producing more than two million cords were Arkansas, Florida, Louisiana, Mississippi, North Carolina, South Carolina, Texas and Virginia.

Georgia had seven of the 49 counties that produced over 100,000 cords each. They were Appling, Camden, Clinch, Echols, Jeff Davis, Ware and Wayne Counties. Wayne County led Georgia with 192,440 cords.

Three Alabama counties led the South in pulpwood production. They were Baldwin, 228,617; Washington, 218,269; and Choctaw, 201,214 cords.

Georgia again led the South in wood residue production with 1,127,100 cords, a 25 percent increase over 1967. Wood residue production in the South was more than 715 million cords, a 17 percent increase over the previous year.

The daily pulping capacity for Georgia's 15 pulpmills was 13,366 tons per day. This is an increase of 463 tons per day for the reporting period. The expansion of existing mills and construction of seven new mills boosted daily pulping capacity to 77,140 tons for the South. There were 100 southern pulpmills operating, and four more were under construction at the end of 1968.

The report includes charts and graphs on the number of companies procuring wood, mill capacity, production increases and declines and detailed tables on all phases of production by state. Hardwood and pine pulpwood cordage is listed by state and county.

MEAD ANNOUNCES EXPANSION

The Mead Corporation's Paperboard Production Division has announced plans for a 30,000 square foot addition to its plant in the Macon Airport Industrial Park. Russell Vannatta, division vice president and general manager said that this would bring the plant to a total of 83,000 square feet.

The expansion represents the second addition to the plant since it was built in 1965. The first expansion added 32,000 square feet to the original 20,000 square feet.

The latest addition, Vannatta added, will provide additional space for the manufacture of large, specially coated collapsible paperboard drums. These are primarily used as containers for asphalt.

The local plant also converts Kraft, a kraft paperboard product used in the manufacture of composite cylindrical containers for packaging oil, citrus concentrates and other products.

Humphries Elected

William C. Humphries, Jr., Jeffersonville, has been elected chairman of the Ocmulgee Sub-Chapter of the Georgia Chapter, Society of American Foresters.

Humphries, a consulting forester, succeeds W.H. McComb of Macon. The 100 member Sub-Chapter consists of foresters from the Middle Georgia area.

Other officials elected were Paul Traylor, vice chairman; and John Deeming, secretary-treasurer, both of Macon. Curtis S. Barnes, Macon; and William L. Sparkman, Perry, were named to serve a two-year term on the board of directors.

Humphries stated that the purpose of the Sub-Chapter is to act as a sounding board for area foresters to express their views on current forest related programs.

Craven Is Forester Of The Year



Governor Lester Maddox presents Mrs. Charles Yarn of Atlanta with a mounted eagle which designates her as the 1969 State Conservationist of the Year.

Atlantan Mrs. Charles Yarn has been presented the Governor's Award as Georgia's top conservationist of the year. Frank E. Craven, chief, Georgia Forestry Commission Education Division, Macon, was named Forester of the Year.

The presentations were made by Governor Lester Maddox at the recent annual meeting of the Georgia Sportsmen's Federation in Thomaston. The Sears Roebuck Foundation sponsored the awards program.

Mrs. Yarn was cited for her efforts in the purchase of Egg and Wolf Islands by the National Nature Conservancy, Inc.

Craven was recognized for his leadership on the Georgia Natural Resource Use Council, the development of a State Champion Tree Program and promotion of the national program in which Georgia contributed seven national champions in the 1968-69 fiscal year to the National Register of Big Trees. His contributions as chairman of the Georgia Chapter, Society of American Foresters and the Georgia Chapter, Soil Conservation Society of America were pointed out.



Governor Lester Maddox presents Frank Craven, chief, Forest Education, Georgia Forestry Commission, with a mounted elk which designates him as the 1969 Forester of the Year.

staff, The Atlanta Constitution, Atlanta; Educator, Dr. Hubert B. Owens, dean, School of Environmental Design, University of Georgia, Athens; and Soil, Lamar Franklin, Marietta.

The list included Water, George Bagby, director, Georgia Game and Fish Commission, Atlanta; Wildlife, Mrs. Charles Yarn; and Legislative, Representative Reid Harris, Brunswick.

FFA and 4-H youth were recognized for their achievements. Mark Reed Callaway, Ringgold, was the Youth Conservation winner representing the Seventh Congressional District. District winners were First, Andy Burns, Tifton; Second, Mike Sumner, Sumner; Third, Gayle Smith, Georgetown; Sixth, Kerry Steed, Roopville; Eighth, Janet Gaskin, Lakeland; Ninth, Melvina Ray, Talking Rock; and Tenth, Carol Thomas, Covington.

The outstanding Sportsmen's Club was the Monroe County Club headed by Jim Hampton.

All state winners are entered in national competition. The competition will take place at the 1970 annual meeting of the National Wildlife Federation.

MORGAN

L. H. "Luke" Morgan of Fitzgerald has been reappointed to the Board of the Georgia Forestry Commission by Governor Lester Maddox. Morgan, reappointed for a seven year term, is one of five Commissioners who supervise the forestry program in Georgia.

Other members of the Board are Hugh M. Dixon, chairman, Vidalia; W. George Beasley, Lavonia; M. E. Garrison, Homer; and Alexander Sessoms, Cogdell.

Morgan is an area supervisor with ITT Rayonier, Inc. in charge of the chip mill plant at Fitzgerald. In 1956 he went with Rayonier as tract manager



Governor Lester Maddox appoints L.H. Morgan, left, to a new seven year term on the Forestry Commission Board.

REAPPOINTED

at Kingsland in Camden County. He was put in charge of their land acquisitions in Georgia later in 1956. Morgan was made an area supervisor in charge of management and procurement in the Eastman area in 1962.

The Commission Board member served as a legislative aide to former Governor Carl Sanders when the legislature was in session. He was a Sergeant-At-Arms for the Georgia delegation at the 1964 Democratic Convention in Atlantic City.

The native of Wray is a member of the Board of Directors of the Georgia Forestry Association.

Report Cites New Programs

The Georgia Forestry Commission's 1969 annual report, featuring its services to Georgia landowners, shows new programs initiated and progress in every area of service.

Ray Shirley, Commission director, cited the Rural Fire Defense Program for giving communities, not protected by organized fire departments, an opportunity to reinforce present equipment. During the program's initial year, 103 pieces of fire equipment were placed in 94 communities in 60 counties.

In the field of reforestation, 20.7 million improved or "super" loblolly and slash pine tree seedlings were made available to the general public. Shirley pointed out that this marked the fifth consecutive year that these "super" trees have been available to the public. He noted that seed were planted to produce another 28 million improved trees for the 1969-70 planting season.

During the reporting period, the number of forest fires decreased 20 percent and the forest acreage loss was decreased 50 percent over the 1967-68 fiscal year. Shirley emphasized that only



41,854 forest acres were burned by wildfire of the 24,066,400 private forest acres protected.

Shirley added that the Forestry Commission provided technical forestry assistance to more landowners than ever

before. There were 19,616 landowners assisted. Through the Atlanta Metro Forestry Program, increasing service is being rendered to homeowners in the six county area. This type service has also increased in all areas of the State.

Interstate Initiates Assistance Program

Interstate Paper Corp., Riceboro, has launched a new program to assist private landowners in its wood procurement area reforest cutover woodlands area and improve timber stands.

William J. Verross, Interstate general manager, says his company has placed in operation \$200,000 worth of heavy equipment to assist coastal Georgia landowners in clearing, site preparation and tree planting of cutover woodlands.

The company's initial reforestation work is currently underway in Jeff Davis County on lands owned by William Belote of Dublin.

Verross said the reforestation program was launched on a pilot basis and, if successful, probably will be expanded. The Company's initial equipment is capable of clearing and replanting up to 6,000 acres per year, he added.

"We hope to make our service and equipment available as broadly as possible to landowners within our 50-county wood procurement area of coastal Georgia and adjoining portions of Carolina and Florida," Verross said. "Naturally, we'll give first priority to our own wood suppliers."

Ray Shirley, Georgia Forestry Commission, said the Interstate program will help meet the major problems of privately-owned forest land, replanting of cutover woodlands and timber stand improvement.



Landowner William Belote, right, and forester Hal Chandler examine site in Jeff Davis County being prepared for reforestation.

"Interstate Paper Corp. is to be highly commended for its far-sighted program of assisting private owners to improve the quality and yield of their forests," Shirley stated.

"This type of activity is absolutely essential if the forest resources of Georgia and the Southeast are to meet the increasingly heavy demands which will be placed on them during the coming decades."

Verross emphasized that the reforestation work will be done for landowners



This bedding harrow is preparing cut-over and cleared woodland for planting of pine seedlings.



A bulldozer is being used to clear a wooded timber land in preparation for replanting

at Interstate's actual cost and will be supervised by Interstate foresters. Depending on site conditions, he estimated the cost would range between \$20 and \$80 per acre.

Forestry and pulp and paper authorities said they believe Interstate is the first company in the industry to provide a full range of reforestation services to private landowners exclusively.

Charles E. Williams, Interstate wood manager and veteran forestry engineer, is in charge of the reforestation program. Field work is supervised by Interstate's area wood superintendents, all trained foresters.

Forestry In Watershed Management



On a watershed project, the Georgia Forestry Commission forester has the responsibility to provide landowners with technical forestry assistance, develop forestry work plans and to conduct critical area planting.

A major objective of a watershed is to increase the water intake thus reducing flooding and erosion and increasing land values.

Man uses reservoirs to control floods and for water storage for farm, municipal, industrial and recreational uses. However, he sometimes creates conditions that cause these reservoirs to be filled with sediment thus making his own water problems.

The availability of water is largely due to land use. This makes a land capability map the logical place for a land manager to begin water control. Through this map the land manager will advocate using only that portion of land suitable for a specific crop. Slope, soil type, moisture and physical obstacles are noted on the map. A farmer, using such a map, could realize a maximum profit from his farm, and at the same time practice water conservation.

Where the land is tillable and productive, a farmer may use all of his farm to grow row crops. The forester does not discourage this practice as long as the farmer realizes a profit. When the land is in poor condition, or other factors render it unprofitable for row crops, the establishment of a forest is a sound policy.

Experiments on watershed show us that forest cover results in greater watershed protection without a measurable decrease in water yield.

Dams regulate streamflow and trap sediment giving prompt relief down stream. However, unless the area is stabilized, such as forested, their usefulness is short lived.

The sediment load of a stream is greatly affected by forest cover. The greatest reduction in sediment accumulation is realized in the first few years after a forest is established or improved.

The farmer is concerned with stream flow, especially the peak discharges during the summer. Where forests have been established, the peak summer discharges have been markedly reduced which, in turn, reduces the damage to row crops in the area. This result alone is cause for the farmer to practice good watershed management through the use of trees.

To a farmer, the forest is an important part of watershed management. The forest prevents water losses, causes snow to melt more slowly, prevents floods and increases the quality of water. The farmer concerned with watershed management can, in many cases, control undesirable circumstances through the use of sound forest management.



This 308 acre lake provides for flood control, a water supply for industry and recreation for the surrounding area.

Teacher Institutes Scheduled



School teachers interested in learning more about conservation in Georgia and obtaining five quarter hours of college credit are urged to attend Georgia's fifth annual Natural Resource Institute.

There will be two three-week sessions held in 1970. The first institute is scheduled for June 15-July 3 at Shorter College in Rome, and the second from June 22-July 10 at Valdosta State College.

The Natural Resources Institute may be used to fulfill requirements of additional study for teacher certification or certificate renewal. However, the teacher should check with the local school board and/or Georgia State Department of Education.

Teaching will be held in indoor and outdoor classrooms. Area field trips will enable the students to see first-hand what the instructors discussed in class. The courses will be taught by specialists in their fields from the ranks of state, federal and industry personnel. Two widely known conservationists, Dr. Philip Greear, Shorter College, and Dr. Philip M. Connell, Valdosta State College, will be the main instructors. The courses will be held from 8 a.m. to 4 p.m. daily. The cost of the course is \$150.00. Teachers may receive a grant-in-aid from the State Department of Education.

teachers an adequate background in conservation. Much emphasis is placed on classroom presentation of the material, and the student-teachers are given a gold mine of information, materials and ideas to use with their own students. Past participants have found the course invaluable, not only in teaching natural resources but history, social studies, natural science, geography and English.

The cost of the Institute, including tuition, materials, room and board, is \$150.00. In some cases, teachers may receive a grant-in-aid from the State Department of Education.

The tuition fee is provided by donors interested in conservation education. The list of donors, headed by the National Science Foundation, includes women's garden, and sportsmen's clubs, industry, professional societies and civic organizations.

Applications may be picked up at a Georgia Forestry Commission County Unit office, or by writing Frank E. Craven, chairman, Georgia Natural Resources Education Council, P. O. Box 819, Macon, Ga. 31202. The completed application is to be mailed to the school the student wishes to attend.

Applications Available For Workshop

Applications are being taken for the ninth annual Natural Resources Conservation Workshop. The workshop will be held at Abraham Baldwin Agricultural College near Tifton from June 7-12.

Workshop Director Sam G. Dunaway, Soil Conservation Service, Winder, states that the school is designed to accommodate 200 boys. A \$30 scholarship is provided for each boy by sponsors in his community. This pays for the meals, lodging and prizes. Instructors and administrative costs are furnished by the cooperating agencies, Dunaway added.

Dunaway pointed out that the boy attaining the highest scholastic standing will receive a \$333 scholarship to the college of his choice in the Georgia University system. A determining examination is based on material presented during the week.

The workshop courses include Research and Watersheds in Conservation, Gum Naval Stores, Timber Stand Improvement, Forest Fire Prevention and Forest Management. Others are Soil and Land Judging, Planning and Applying Conservation On Open Land, Wildlife Conservation and Recreation in Conservation.

The workshop director said that applications may be obtained from Georgia Forestry Commission county forest rangers and district offices, Soil Conservation district supervisors, Soil Conservation work unit conservationists and Georgia Game and Fish Commission rangers and district offices.

The workshop is co-sponsored by the Georgia Chapter, Soil Conservation Society of America, and the Georgia Association of Soil and Water Conservation District Supervisors. Dunaway is being assisted by A. P. Barnett, Agriculture Research Service, Watkinsville, and Charles B. Place, Jr., Georgia Forestry Commission, Macon.

Ranger Of The Quarter

W. Franklin McArthur has headed the Telfair County Forestry Unit for the past 13 years. Since 1964 he has directed activities of the Jeff Davis-Telfair facilities. McArthur came with the Georgia Forestry Commission in August 1956 as a patrolman in Montgomery County.

Under his leadership, the Unit annually posts an excellent fire suppression record. In 1968-69, personnel held 178 wildfires to 3.4 acres per fire. In addition, 99 non forest fires were suppressed. There are 376,100 forest acres in the two county area.

An assist has been given the Unit in the suppression of non forest fires with the formation of two Rural Fire Defense Departments. They are located at Denton and McRae.

McArthur promotes the services of the Unit, including fire prevention and forest management, through special forestry newspaper editions, forestry pageants and parades.

Through the support of Jeff Davis



W. Franklin McArthur

and Telfair Countians, each county has the Notification of Intention To Burn Law. It was passed in 1968 and 1958, respectively.

Through the Unit forest management

assistance is made available. There were 437 landowners assisted on 52,899 forest acres. The assistance included the preparation of forest management plans, prescribed burning, weed tree control and planting. Wesley Hartley is the area forester and Billy James is the project forester.

Reforestation was given an assist by Unit personnel who assisted in the cone collection at Arrowhead Seed Orchard and in the local collection of tree seed.

On two occasions the Unit was awarded for their excellent program. The Unit received the Georgia Forestry Association's Outstanding General Performance Award for the Fifth District in 1965 and 1966.

The Unit personnel in Telfair County are Patrolmen Bud Gunn, Grady Hulett, John Hulett and Jerry Roberson and Towerwoman Mrs. Graham Maloy. The Jeff Davis personnel include Patrolmen Virgil Tanner and Billy Taylor and Towerwoman Mrs. Clara Dunn.

Forestry Faces And Places



David McClain

David McClain is the area forester for the four county area of Floyd, Haralson, Paulding and Polk Counties. He works out of the Rome District Office.

He came with the Commission in July 1965 and was promoted to assistant district forester in the Rome District in 1966.

The native of Rabun County is a graduate of the University of Georgia School of Forest Resources. There, he

was a member of the Forestry Club and a student member of the Society of American Foresters. He is currently a member of the SAF.

The forester served two years in the U. S. Army, being honorably discharged in 1963.

McClain and his wife, the former Nancy Norton of Highlands, N. C., have a daughter, Deborah Lynn, 6. The family is a member of the Baptist Church.

There are 245,500 forest acres in Appling County. This represents approximately 75 percent of the land area.

More than 77 percent of the forest acreage is farmer owned. The forest acreage has a volume of 491.6 million board feet of sawtimber and 2.4 million cords of pulpwood.

Appling County was one of seven counties to produce more than 100,000 cords of pulpwood in 1968. Its production was 137,322 cords. In 1968, there were 147 gum producers in the County



working 712,482 faces.

There are 22 wood-using industries in Appling County employing 710 persons with an annual payroll of approximately \$2.1 million.

Retirements



Reese Dunson

Reese Dunson has retired from the University of Georgia Cooperative Extension Service after 25 years of 4-H and conservation work.

He also worked eight years with the Farmers Home Administration and two years with the Soil Conservation Service.

Dunson served the past nine years as executive secretary of the State Soil and Water Conservation Committee.

JOHN O'DONNELL

John O'Donnell, a veteran of 19 years with the Georgia Forestry Commission, 17 as Ranger of Marion County, has retired as of January 31, 1970. O'Donnell, during his career as county forest ranger was active in the Lions Club of Buena Vista and the Methodist Church. His county was selected as the third place winner in 1954 by the Georgia Forestry Association in recognition of his efforts in forest fire prevention.

The retiring ranger is a graduate of the Lake City Forest Ranger School in Florida and served with the U. S. Marines from 1930-39.

O'Donnell plans to retire to his farm in Marion County and produce Black Angus cattle.

Ray Shirley, director, Georgia Forestry Commission, Macon, stated that men of O'Donnell's character built the Commission into the highly regarded organization it is now recognized as being by the U. S. Forest Service. The Commission Director, Ray Shirley, said that O'Donnell was a man of luck with the forestry profession. He was the State Forester in

Macon, Third Forestry District with headquarters in Americus and County Unit personnel recently attended a retirement supper in O'Donnell's honor. His fellow employees gave him several personal gifts plus a set of tools. His immediate supervisor, Floyd Cook, area forester from Columbus, had high praise for the cooperation he received from O'Donnell in forest fire prevention.

JAMES D. STRANGE

James D. Strange, associate area director, U. S. Forest Service Region Eight, has retired with over 38 years of service. Strange's Forest Service career began on the St. Joe National Forest in Idaho.

He had the responsibility for working with 13 southern State forestry organizations in servicing numerous Federal-State cooperative forestry programs. He had a variety of experience in national forest administration, cooperative work with private, State and Federal agencies as well as forestry assignments with other nations.

Strange, a native Georgian, was chairman of the Soil Conservation Society of America National Land Use Planning Committee from its inception in 1961 until his retirement.

EDWARD B. WILLIAMS

Edward B. "Rip" Williams, forester Division of Cooperative Fire Control, Southeastern Area, State and Private Forestry, has retired after 37 years of service.

Williams began his service at the Northeastern Experiment Station in Amherst, Mass. His career covered assignments in both the National Forest System and State and Private Forestry in the Northeastern, Lakes, Rocky Mountain and Southern States.

JOHN B. SPRING

John B. Spring, chief, Fire Control, U. S. Forest Service Region Eight, has retired after 39 years of service. Spring began his career as a Summer employee on the Rogue River National Forest in Oregon.

He has served on the Cherokee, Alabama, Kisatchie and Chattahoochee National Forests and in the Atlanta Regional Office in both Fire Control and Lands.



C. H. Coulter



John M. Bethea

C. H. "Hux" Coulter, after 41 years with the Florida Forest Service and the Florida Division of Forestry, has retired. He had served the past 24 years as Florida's State Forester.

He began his career with the Florida Forest Service as a planting technician. He advanced through the ranks as forest assistant, district forester and assistant State Forester.

Governor Claud Kirk, in an official cabinet resolution, called the native Canadian "the individual most responsible for the design and achievement of Reforestation in Florida".

John M. Bethea succeeds Coulter as director of the Florida Division of Forestry, announced Doyle E. Conner, Florida Commissioner of Agriculture.

Bethea has served as associate State forester for seven years. He began his service with the agency as an extension ranger in 1941.

Brender Receives Technical Award

Ernst V. Brender, one of America's foremost silviculturists, was presented the Technical Award for 1969 by the Southeastern Section, Society of American Foresters at the annual meeting in Montgomery, Ala.

The meeting theme was "Looking Forward to Forest Management in the Seventies".

Brender, project leader, U.S. Forest Service, Macon, was cited for his outstanding work on the Hitchiti Experimental Forest, and his contributions to a better understanding of the silvics and management of Piedmont loblolly pine during the past 22 years. The Hitchiti Experimental Forest is located north of Macon in Jones County.

Annually, students from the Universities of Georgia, Michigan, Syracuse and Yale and the Lake City Ranger School visit the Forest to study the various silvicultural practices used in managing loblolly pine in the Piedmont.

Most of Brender's work has been in Georgia. More than 40 technical papers on the culture and growth of loblolly pine have resulted from this work.

In 1969, Brender organized a subchapter of the SAF in Middle Georgia which has received recognition and endorsement from the national organization.



Ernst Brender, project leader, U.S. Forest Service, receives the Technical Award from Tom Croker, chairman, Awards Committee, Brewton, Ala.

tion.

The plaque, presented to Brender, reads "in recognition of his contributions to the knowledge and practice of

forestry in the Southeast"

Tom Croker, chairman, Awards Committee, Brewton, Ala., made the presentation.

Callaway Is SCL Forestry Winner

A youthful interest in Forestry has developed a 19-year old FFA member, Mark R. Callaway of Ringgold, into a State winner in the Seaboard Coast Line Forestry competition. His interest in Forestry began at an early age as the result of a conservation minded father who was one of the first in the county to plant seedlings.

Judging Mark's project was Alan Fowler, forester, Seaboard Coast Line. The young conservationist planted 25,000 seedlings, controlled scrub hardwoods on 70 acres, constructed six miles of firebreaks, fenced 430 acres and selectively cut 12 acres. Mark harvested 20,000 bd. ft. of sawtimber and 80 fence posts.

As a result of being the State winner, Mark joined other State Forestry winners for a trip to Pittsburgh where the winners were recognized by area, civic



Mark R. Callaway, 19-year old FFA member from Ringgold has been named State winner in the Seaboard Coast Line Railroad Company's Forestry project competition. James Scott, forest ranger, assisted young Callaway by advising him on seedling care and planting.

and business leaders at a banquet. The young conservationists toured the Mayor's office, A. S. Heinz Co., U. S. Steel, and Coppers Company.

Working with Mark were his Ag Teacher, Sam J. Hill, County Agent Tommy Kendrick and Catoosa Forest Ranger James Scott.

The Georgia runnerups in the Seaboard competition were Paul Layman, Elko; Larry Champion, Shady Dale, and Steve Barber, Donalsonville.

Other honors garnered by Mark are placing first at the Youth Conservation Workshop held at ABAC College and State 4H winner in the Conservation of Natural Resources.

Presently, he is attending Dalton Junior College, but his future plans have not been set. Mark is the son of Mr. and Mrs. Harry D. Callaway of Ringgold.

LETTERS

FIRE PREVENTION

This will acknowledge receipt of your public service spots for "Forest Fire Prevention". This has long been a favorite campaign with us and we are happy to continue assisting for another year.

J. S. Robinson
Program Director
WKLS Broadcasting

We appreciate the time and energy spent by all concerned for Forest Fire Prevention.

We are only too glad to air these spots as a public service.

Thank you for the privilege of carrying these worthy messages to our listening audience.

Harry Reynolds
Program Director WEAS

Having spent so much time grumbling about county taxes, I feel that it is only fair to applaud recent benefits received.

Mr. Williams, the children and I thank the Sumter County Forestry personnel who were responsible for putting out a large woods and pasture fire which threatened our livestock, hay and a shed.

Our special thanks go to Mr. Andy McIlwraith who first noticed the fire from his patrol plane.

Mrs. Jesse Williams

CONSERVATION

On behalf of the Warner Robins Woman's Club thank you for sending Mr. Charles Place as our speaker on Sept. 11.

He gave such an interesting talk and everyone was delighted and enthused. You don't know how gratifying it was to me.

We hope to plan a field trip to the Forestry Commission at an early date.

Thank you again for all you have done to help me in my job as Conservation Chairman.

Pauline Mullenix

SPRITS

All of us at Lenox Square want to thank you most sincerely for making STAY AND SEE GEORGIA week such a success!

We know you and your group put in a lot of hard work, and your efforts will help greatly to make your exhibit a most interesting one. We and we are sure that the many people who visited Lenox Square during the week, have

been awakened to the beautiful forests of our State and the amazing job that your Commission does.

Chess Lagomarsino
Vice President
Lenox Square Assoc.

Thank you so much for the picture of Mr. Deaton and "Mr. Tree". We thought yours was one of the cutest exhibits at STAY AND SEE GEORGIA Week and thank you very much for cooperating and putting on such a good exhibit.

We will be glad to have the picture for purposes of promoting the STAY AND SEE Week next year.

Martha Thomas
Travel Council
Georgia Chamber of
Commerce

TOURS

The South Atlantic Tour for the Second World Consultation on F.T.B. was a success! Many thanks for the splendid support and assistance of Mr. James Wynens and Mr. Terrell Brooks. This was a good start, because, as expected this was the first trip to this country for some of the participants and Macon, Georgia was their first stop.

Please express our thanks to Mr. Craven for the introductory remarks.

This was a most inquisitive and interesting group and we had many questions and heard more about Georgia for the remainder of the week.

Leroy Jones, Leader
South Atlantic Tour
Second World Consultation
on Forest Tree Breeding

We were all tremendously impressed by the scale and quality of the work which you are doing on tree breeding in the Georgia Forestry Commission. Both the seed orchards and progeny trials were of great interest, as were the up-to-date items of machinery in use, such as the tree shaker, seed collecting mobile platform and insecticide sprayers. Also the methods of mass production for seed extraction and storage which you showed us the second day.

Many thanks for everything which you and your colleagues did to make the Study Tour at Macon the great success it was.

Dick Willan
(F.A.O., Rome)

Logging The



The State's Christmas tree was a 31 year old, 58 foot white pine. The tree, 18 inches across the stump, branched out to a diameter of 35 feet. Erected on the grounds of the Governor's Mansion in Atlanta, the tree was grown in Union County on the Chattahoochee National Forest about 15 miles north of Dahlonega.



Interstate Paper Corp., Riceboro, has appointed Max C. Webb wood superintendent for the eastern area which comprises Georgia and South Carolina counties near the Savannah River.

MEETING...The 19th annual L.S.U. Forestry Symposium will be held at Louisiana State University April 8-9, 1970, announces Thomas Hansbrough, general chairman. The subject will be "Silviculture and Management of Southern Hardwoods".

Foresters...



A beautification project at Cam Ranh Bay, Vietnam had its beginning at the ITT Rayonier, Inc. tree seedling nursery at Glennville. Harold J. Belcher, left, chief forester, Southeast Timber Division; Ray Shirley, director, Georgia Forestry Commission; and G.W. Thompson, nurseryman; observe the bundling of the beautification package. The slash pine trees were shipped along with fir, cedar and hemlock from McChord Air Force Base, Washington State, in December. The request for the trees came from David L. Peterson, AK1, FPO, San Francisco to the office of ITT Rayonier in Hoquaim, Washington.

BIG TREES...Statewide, there are 60 State trees listed in the Georgia Forestry Commission's State and National Tree Champion Directory. Eleven of these are national champions. They are the Buckeye, Union Co.; Cherry Bark Oak, Dougherty Co.; Oglethorpe Oak, Oglethorpe Co.; Overcup Oak, Putnam Co.; Pondcypress, Baker Co.; and Post Oak, Hart Co. Completing the list are the Shagbark Hickory, Coweta Co.; Table Mountain Pine, Lumpkin Co.; Water Oak, Pulaski Co.; Winged Elm, Fulton Co.; and Yellow Magnolia, Putnam Co.

DATES...ATFA, April 15, Valdosta... Ware Co. Pine Tree Festival, May 5-6, Waycross...Southern Forestry Conference, May 7-8, Mobile, Ala...Southern Extension Forestry, May 11-13, Tellico Plains, Tenn...Seaboard Coast Line Railroad Field Day, May 13-14, Manchester...Southern Fire and I&E Chiefs, May 19-20, Macon...Georgia Chapter, SCSA, June 5-6, Jekyll Island...GFA, June 7-9, Jekyll Island.



Ingvar Ekholm, center, agricultural attache, Swedish Embassy, Washington, D.C., recently visited State, federal and private forestry officials at the Georgia Forestry Center, Macon. The officials include LeRoy Jones, supervisory forester, South-eastern Area, U.S. Forest Service, Atlanta; Ed Knapp, Bibb County legislator; Ray Shirley, director, Georgia Forestry Commission; and Frank Craven, Commission Forest Education chief, all of Macon.

STEWARDSHIP...May 3-10 has been designated Soil Stewardship Week in Georgia. It is being jointly sponsored by the State Soil and Water Conservation Committee, Jim L. Gillis, Jr., chairman; and the State Association of District Supervisors, Frank O. Crawford, president.

BOARD PLANT...The Georgia Pacific Corp. particle board plant in Vienna has started operations, states C.E. Brown, plant manager. The plant will employ approximately 125 people, including 100 technicians, and will have an estimated production of over six million square feet of particle board a month. Full production is expected by June.

NATIONAL FORESTS...The administrative name of the national forests in Georgia has been changed to the Chattahoochee-Oconee National Forests, according to Darold D. Westerberg, forest supervisor.

SCHOLARSHIP...The Associated Co-op-erage Industries of America, Inc. will once again award a four-year \$2,000 forestry scholarship. The 1970 scholarship will be awarded on or about July 1. Application blanks may be obtained from the Association office at 818 Olive St., St. Louis, Mo. 63101.

Georgia FORESTRY

March, 1970

It's Enough To Make You Sick

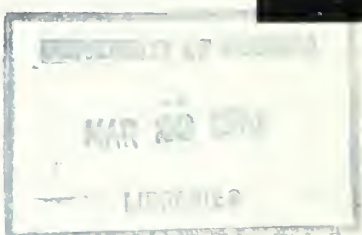


Litter cleanup costs U. S. taxpayers an estimated \$500-million annually. Urban communities spend nearly \$300-million of that amount for street cleaning alone. Another \$100-million goes for litter removal from highways while additional millions are spent removing litter from the forests, parks, beaches, waterways and other public areas.

We urge you to join with other concerned citizens and stop this ugliness which is spreading across this beautiful land of ours.

Remember! Every litter bit hurts!

Isn't It Enough To Make You Stop



SECOND-CLASS POSTAGE
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Georgia

FORESTRY

INITIAL PLANTING COMPLETED
ON BALDWIN STATE FOREST

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Route 1, Box 85
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OFFICIALS

A. Ray Shirley - Director

Julian D. Reeves - Deputy Director

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Thomas R. Fontaine, Jr. - Assoc. Ed.
Thomas B. Hall - Artist

DISTRICT OFFICES GEORGIA FORESTRY COMMISSION

DISTRICT I - Route 2
Statesboro, 30458
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Cruising The News

Arbor Day-February 20

Governor Lester Maddox has proclaimed February 20 as Arbor Day. This is the 80th anniversary of Arbor Day in Georgia.

In proclaiming Arbor Day, Governor Maddox has called upon all citizens of Georgia to support, aid and take part in the protection, development and perpetuation of our great forest resources. He noted that our forests constitute the greatest agricultural crop of the state.

Arbor Day isn't a legal holiday, but it is a very important day--a day we pause to pay tribute to the tree. It is a day which school boys and girls throughout our state usually conduct a program and participate in a memorial planting ceremony on the school grounds or in a public park.

Ray Shirley, director, Georgia Forestry Commission, stated that the state's forest lands provide the raw material for the timber industry which contributes over one billion dollars to our state's economy.

Today, Georgia doesn't wait until Arbor Day to plant trees. The nurseries of the Georgia Forestry Commission each year grow millions of seedlings which are transplanted in every county in the state.

But Arbor Day does give Georgians a chance to see how a tree is properly planted. It gives him a new appreciation of the tree, which means much in the lives of all who enjoy the great outdoors.

Arbor Day, then allows each citizen to re-dedicate himself to the protection, preservation and perpetuation of our state's leading crop--Trees.

(From the Vidalia Advance)

Forest Fire Danger

Forest fires are easily started but not easily stopped. Out of control, they may cause widespread terror and destruction. Tree-top flames, moving with incredible speed and laying waste to everything in their path, are an awesome spectacle.

Approach of the season in which most forest fires occur counsels every possible precaution. Sheer carelessness accounts for most forest fires, which, in addition to destroying thousands of acres of timberland and hundreds of homes yearly, take their toll in human lives.

Leaving a bonfire in the woods to burn itself out, supposedly, is inexcusable. Tossing a lighted cigarette from a moving car is extremely thoughtless.

The surest way to prevent forest fires is by the employment of common sense by every one in or near woodlands.

(From the Brunswick News)

Radio Network Redesigned

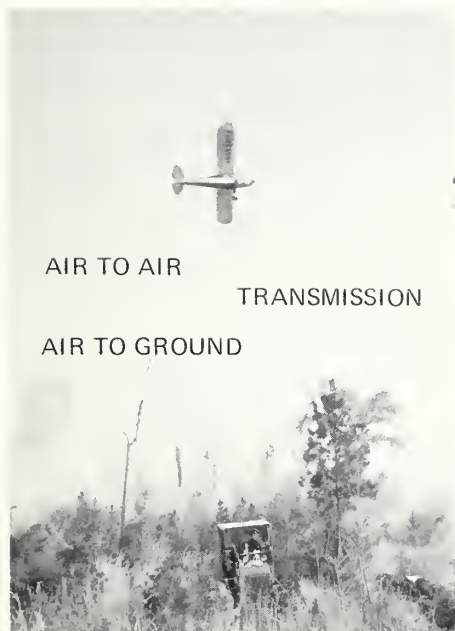


Initial steps have been taken to eliminate voice interference throughout the Georgia Forestry Commission's communication system.

Ray Shirley, Commission director, said that the system will increase both field and administrative effectiveness. It should improve the movement of fire suppression equipment and the implementing of fire suppression action.

Henry H. Cannon, Commission radio engineer, designed the system that provides for a separate frequency for mobile to mobile transmission, and a clear channel for air to air and air to ground transmission. Incorporated into the system is cross channel communication which enables personnel to talk on one frequency and listen on another frequency.

To bring about this change, Cannon set up four separate frequencies compared to the two frequency operations now in effect. All base stations, offices and fire towers will be able to monitor the frequencies separately without interference from another frequency.



AIR TO AIR
TRANSMISSION
AIR TO GROUND



MOBILE TO MOBILE TRANSMISSION



All frequencies can be monitored from
offices, base stations and fire towers

James C. Turner, Jr., chief, Commission Forest Protection Division, said the change was necessitated by the heavy traffic that occurs during high fire occurrence periods. He pointed out that the two channel system was carrying headquarters, tower, truck, tractor and aircraft communications.

Turner added that the new communications system is in effect in the Forestry Commission's First District, with headquarters at Statesboro, and in the Sixth District, with headquarters at Milledgeville.



From January through March, 5,428 wildfires burned 33,438 acres in Georgia; There were 20 fires that burned in excess of 100 acres. Of these, three burned over 300 acres. They occurred in Camden County, 519 acres; Gilmer County, 367 acres; and Bartow County, 347 acres. The number of fires and acreage burned included fires that threatened as well as burned timber.

THE FIRE SEASON 1970 IN PICTURES



For the first quarter of 1970, Forestry Commission personnel suppressed 1,153 non forest fires. These included fires along interstate right of ways which posed a threat to traffic safety. Others were a threat to woodlands.

Rural Fire Defense Units throughout the State have saved more than \$1.2 million in property over the first quarter of 1970. They worked 611 calls of which 189 involved structures and equipment. Another 247 fires were on open land. In addition, they assisted the Forestry Commission with 143 forest fires. Throughout Georgia, there are 98 counties with 143 departments. These departments are operating 189 pieces of equipment that are on loan from the Forestry Commission. There are 66 requests pending action.



Reeves Named Deputy Director

Julian Reeves, personnel officer, Georgia Forestry Commission, Atlanta, has been named deputy director, announced Ray Shirley, Commission director.

Shirley said Reeves was named to the post because of his overall working knowledge of the Commission's programs and the thoroughness and excellence he has exemplified in carrying out his previous responsibilities.

The new position, Shirley added, involves the coordination and direction of Division programs and the supervision of personnel activities. Reeves will also continue his activities as personnel officer.

Reeves, a native of Palmetto, Ga., came with the Commission in June, 1954 as ranger of Fulton County. In July, 1955, he was promoted to assistant district forester at Newnan. A year later, Reeves was made forest management field assistant in Atlanta. His duties as Seventh District forester,



Julian Reeves

Rome, began in February, 1957. In 1964, the deputy director completed a two-year tour with the U. S. Forest

Service, Region 8, Division of State and Private Forestry, Atlanta, under a cooperative agreement between the Commission and the USFS.

On returning to the Commission in 1964, he was a liaison officer between the Forestry Commission and other State agencies and the USFS. In 1965, he assumed the additional duties of personnel officer. Reeves was named program coordinator for the Atlanta Metro Forestry Program in July, 1967.

A graduate of the University of Georgia School of Forestry, Athens, in 1953, Reeves has a Master in Forestry received from the University in 1954. He is a member of the Society of American Foresters and the Fulton Industrial Kiwanis Club.

Reeves and his wife, the former Virley Marie Dufrene of Raceland, La., are members of the Audubon United Methodist Church of which he is a member of the Administrative Board.

American Farm Plant Is Best



Miss Charlotte Cunningham

"The American farm plant is the best the world has ever seen," stated the Honorable W. S. Stuckey, Jr., congressman, Eighth District of Georgia, on addressing the 34th annual meeting of the American Turpentine Producers Association in Valdosta.

Stuckey may possibly be the

need for cost cutting research in the naval stores industry, particularly in view of the industry's severe labor shortage. He had high praise for the research being carried out at the Naval Stores and Timber Production Laboratory at Olustee, Fla.

Congressman Stuckey cited the vast impact of American Agriculture on the nation's economy. Yet, the farmer is beset with low income and the continuing migration from farms to cities is posing problems.

Other speakers included T. A. Harrington, project leader, Naval Stores and Timber Production Laboratory, Fla.; Robert F. Colyer, product manager, Gum Naval Stores, Union Camp Corporation, Jacksonville, Fla. and John Laws, president, FRP Company, Baxley.

Miss Charlotte Cunningham, 21, daughter of Mr. and Mrs. W. Earl Cunningham of Valdosta, was selected Miss Gum Spirits of Turpentine. Miss Joyce Vickers, 19 year old daughter of



Congressman W. S. Stuckey, Jr.

Mr. and Mrs. Jack D. Vickers of Douglas was first runnerup.

Jim L. Gillis, Jr., president, ATFA, announced that the following directors were elected from Georgia. They are Lindsey Grace, Screven; E. R. Pilkinton, Douglas; Downing Musgrove, Homer; and S. O. Spooner, Warwick.



Ray Shirley, director, Georgia Forestry Commission, will discuss forestry in relation to the panel topic, "Priorities On Uses Of Land Space".

A Symposium, set up to achieve an understanding of the needs for and to explore various facets of land use planning, has been scheduled for July 6-7 at the Center for Continuing Education, University of Georgia, Athens according to Frank E. Craven, Macon, general chairman of the Symposium.

The program agenda has been designed to be of interest to planning agencies, conservationists, government

Land Use Symposium Set

agencies, industry and the general public. The meeting was initiated by the Georgia Chapter, Soil Conservation Society of America and the Georgia Institute of Community and Area Development, University of Georgia. Co-sponsors include the Georgia Association of Soil and Water Conservation Districts, Association of County Commissioners in Georgia, Georgia Conservancy, Georgia Regional Development Association, Georgia Forestry Association, Georgia Sportsman Federation and the Georgia Outdoors Writers Association.

Major topics to be explored include a case for Rural Land Use Planning, a Professional Conservationists Interest in Land Use Planning, Priorities on Uses of Land Space, Urban-Rural Land Use Relationships and the Need for Compromise - A Generalists Viewpoint.

Other topics are Flood Plain Land Use Planning, Land Use Planning for the Coastal Tidelands, Implications of the Land and Water Conservation Needs Inventory, Use of the Soil Survey in Land Use Planning and Maintaining an

Environment of High Quality through Land Use Planning.

Concluding the two day session, papers will be presented on Putting Land Use Plans into Operation and Using Resources for the Benefit of the Total Public.

Speakers will include several well known land planners and conservationists from Georgia.

President Nixon in his recent message to Congress said "Like those in the last century who tilled a plot of land to exhaustion and then moved on to another, we in this century have too casually and too long abused our natural environment. The time has come when we can wait no longer to repair the damage already done and to establish new criteria to guide us in the future." Georgia's Land Use Planning Symposium will explore the need for comprehensive land planning in Georgia made necessary by the State's surge in population and industry coupled with Georgian's more leisure time and income, according to Craven.

Check Species

Before Buying

Any get rich quick scheme for growing Christmas trees in Georgia should be thoroughly checked out by landowners according to Ray Shirley, director, Georgia Forestry Commission and Terry J. Williams, president, Georgia Christmas Tree Growers Association. Reports have reached their offices concerning out of State organizations promoting species of Christmas trees that are not adapted to Georgia's soil or climate.

Landowners approached by any organization should check with their Georgia Forestry Commission Area Forester, county agent, or the Georgia Christmas

Tree Growers Association, P. O. Box 48, Tifton, Georgia 31794.

One landowner in the Atlanta area has reportedly lost approximately \$6,000 to one organization which is promoting the growing of Christmas trees in Georgia.

Tree species generally recommended for Christmas trees in Georgia include Eastern redcedar, Arizona cypress, Eastern white pine and Virginia pine. Before planting any species other than these, landowners should check with the above listed organizations for their recommendations.





Approximately 10 miles of roadside beautification were completed. The species planted were dogwood, redbud, crape myrtle, forsythia and southern magnolia. Others were Savannah holly, bufordi holly, Chinese tallor tree, euonymus and deodar cedar.



Initial Planting

Baldwin



The forest management development program involved the purchase of 220,000 loblolly pine and 110,000 slash pine seedlings. The program also included the planting of 60 acres of slash pine.

The Georgia Forestry Commission has completed its initial planting program on the Baldwin State Forest.

Ray Shirley, Commission director, in making the announcement said the plantings involved plantations, racial variation studies and a seedling seed orchard. Other work involved a beautification project along approximately ten miles of highway, a woodland inventory and the construction of a field office, he added.

The plantations consist of improved loblolly pine and improved slash pine. The racial variation studies involve longleaf pine and spruce and eastern white pine obtained from Maine. The seedling seed orchards include longleaf pine and slash pine.



An eight acre racial variation study area was laid out and planted with 11,000 longleaf pines. This will be worked into a seed producing area and a seed orchard. About 500 longleaf pines were planted to field graft next year's longleaf pine scion material.



The construction of a field office was started. The office is located on U.S. 441 south of Milledgeville.

Completed

e Forest

Woodland and drainage areas comprise 594.8 acres of which approximately 392 acres are in woodlands that contain commercial and merchantable trees.

With the exception of the beautification project, the work has been confined to the south section of the forest which involves 2,205.5 acres. The total forest area is 4,365.5 acres.

The Baldwin State Forest was transferred to the Georgia Forestry Commission from the State Board of Public Health in September 1969 by an executive order of Governor Lester Maddox.

Shirley emphasized that the development of the forest through better management along with multiple use of the forest will reap increased benefits for the citizenry of the State.



The initial planting of seedling seed orchards was completed with the setting out of 3,755 slash pine grafts, 105 loblolly pines and 1,500 sawtooth oaks.

Forestry Faces And Places

Retirements



MISS ELSIE SCOGGIN

Miss Elsie Scoggin has retired ending 16 years of service with the Georgia Forestry Commission. She came with the Forestry Commission June 1, 1954 as secretary for the Rome district office.

In addition to her secretarial duties, Miss Scoggin has operated two radio systems, one a forest fire control network and the other an administrative network.

Tom Mauldin, Jr., Rome district forester, presented Miss Scoggin with an engraved plaque, wristwatch and other gifts. In making the presentation, Mauldin said she was a most dedicated and loyal employee who has made many friends for the Georgia Forestry Commission.

FRANK H. DAVIS

Frank H. Davis, a veteran Georgia Forestry Commission employee of almost 20 years, has retired. He was a dispatcher for the Charlton County Forestry Unit.

Walter Stokes, Waycross Area Ranger, had high praise for Davis, saying that he was a most loyal and dedicated employee. He considered Davis a key man in the suppression of forest fires by his quick analysis of the fire and his prompt response to the fire scene.



There are 173,400 forest acres in Atkinson County. This represents approximately 85 percent of the land area.

More than 65 percent of the forest acreage is farmer owned. The forest acreage has a volume of 258.4 million board feet of sawtimber and 1.4 million cords of pulpwood.

The production of 80,111 cords of round pulpwood in 1968 put Atkinson County over the one million cord mark since 1946. The 1968 production was the county's highest productive year. In 1968 there were 21 gum producers in the county working 409,582 faces.

There are 20 wood-using industries in Atkinson County employing about 328 persons with an annual payroll of approximately \$825,000.



Leland Moore, an entomologist with the Georgia Forestry Commission, has resigned to accept an assistant district forester's position with the Gilman Paper Company, Madison, Fla. Moore, a native of Brunswick, came with the Commission in 1964 to service the Commission's pest control activities.



Henry A. Swindell is the area forester for the four county area of South Bryan, Liberty, Long and McIntosh. He works out of the Liberty County Unit at Midway.

Swindell came with the Forestry Commission in June 1958 as a reforestation assistant at the Horseshoe Bend Nursery at Glenwood. In 1960 he was promoted to assistant First District forester at Statesboro.

The native of Ludowici is a graduate of the University of Georgia School of Forest Resources. There, he was a member of the Argonauts and College 4-H Club.

Swindell is a member of the Society of American Foresters. He is chairman of the board of directors and past president of the Hinesville Jaycees. He holds membership in the Cherokee Rose Country Club and the Bradwell Booster Club.

The forester was honorably discharged from the U. S. Army in 1965 with marksman and Sharpshooter medals.

Swindell and his wife, the former Stella Maddox of Eatonton, are members of the Hinesville Baptist Church.

Sign Warns Of Fire Danger

Personnel of the Glynn County Forestry Unit have erected a new sign to keep motorists apprised of the current fire danger in the county.

Placed at the juncture of U. S. 341 and Ga. 303, north of Brunswick, the sign has a removable section in which the current fire status is displayed.

Clarence Hilburn, ranger, and H. L. Neal, area forester, said the sign will be used to display one of the five classifications of fire danger. This is determined by the Georgia Forestry Commission's local weather station.

The fire classifications range from low through moderate, high, very high to extreme.

This is the only sign of its type in the State. The 12 foot high, double-faced display has a life-size Smokey the Bear. The legend tells the fire danger in the county at all times.

The sign is in a landscaped park in the triangular section, surrounded with a chain fence and planted with boxwoods, gardenias and sasanquas. The plot has also been seeded with grass.



H.L. Neal, Jr., left, Brunswick Area forester, and Clarence Hilburn, ranger, Glynn County Forestry Unit, check fire danger sign erected at junction of U.S. 341 and Ga. 303.

Ranger Of The Quarter

R. T. Kirkland, ranger of the Ware County Forestry Unit, has been with the Georgia Forestry Commission for 19 years. The past 13 years has been in the ranger position.

During this period he has been an active leader in forestry activities. This year he was chairman of the Ware County Forest Festival. He has served as the festival's co-chairman and for six years chaired the decorating committee for the festival's banquet and forestry pageant. He has worked with the forestry pageant since its inception in 1957.

Kirkland promotes the services of the Unit, including fire prevention and forest management, through the news media, Okefenokee Agriculture Fair, Forest Festival and Rodeo parades and youth and adult groups.

For the Unit's overall performance, Kirkland has accepted the Georgia Forestry Association's Outstanding General



R. T. Kirkland

Performance Award for the Eighth District on three occasions, 1960, 1967 and 1970.

In 1968-69, Unit personnel held 140

wildfires to 7.21 acres per fire. In addition, 103 non forest fires were suppressed. In an effort to prevent forest fires, there were 284 miles of firebreaks plowed for 54 landowners.

Through the Unit, forest management assistance is available. There were 53 landowners assisted on 14,896 forest acres. Another 59 woodland owners were provided prescribed burning advice. Lewis Gillis is the project forester and L. Jasper Stokes is the Waycross Area ranger.

Reforestation was given an assist with Unit personnel gathering black walnut seed. There were 36 persons assisted in ordering 558,600 tree seedlings.

The Unit personnel are Patrolmen John S. Brady, Freddie M. Brannon, Stephen S. Burnett, Jimmy C. McLaney and Jesse J. Rowe; Towermen Herbert L. Corbitt and Freeman E. Westberry and Towerwoman Mrs. Sue E. Dowling.

County Queens Vie For State Title



*Paulette Brown
Miss Emanuel County
Swainshoro*



*Deon Bryant
Miss Troup County
LaGrange*



*Brenda Anne Davis
Miss Muscogee County
Columbus*



*Susan Everett
Miss Ware County
Waycross*



*Teri Hicks
Miss Macon County
Montezuma*



*Kathy Huguley
Miss Lincoln County
Lincolnton*



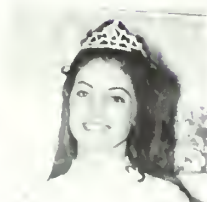
*Barbara Mathis
Miss Fannin County
Blue Ridge*



*Donnie Miller
Miss Jefferson County
Louisville*



*Valeria Norsworthy
Miss Richmond County
Augusta*



*Gayle Miller
Miss Glynn County
Brunswick*



*Martha Self
Miss Henry County
Hampton*



*Sharon Sirmans
Miss Cook County
Adel*



*Teresa Webb
Miss Johnson County
Wrightsville*

The 1970 annual meeting of the Georgia Forestry Association will be held at Jekyll Island in the Aquarama, June 7-9. President Gerald B. Saunders, president, Alexander Brothers Lumber Company, Columbus, will preside.

Saunders said that a delegation of approximately 100 foresters and landowners are expected. A Luncheon will kick off the convention on June 7. The convention's closing session will be held on June 9 with a presentation of awards, he added.

Harold E. Jones, executive director, GFA. Atlanta, said 50 speakers will present their remarks to "Save Our Forest, Save Our Future." The Urban Forestry Council will present their award to the best urban forest in the state.

Salvage In Connection With Natural Disasters.

Another convention highlight will be the crowning of "Miss Georgia Forestry". Approximately 31 counties will present Forestry Queens for the coveted title, Joiner added. In addition to those pictured, the counties are Ben Hill, Bryan, Candler, Chattooga, Clinch, Columbia and Decatur.

Others are Dooley, Effingham, Grady, Harris, Laurens and Lee Counties.

Liberty, McIntosh, Pickens, Thomas and Walker Counties complete the list.

Joiner states that the State Forestry Queen will receive a \$500 scholarship to the college of her choice in Georgia.

Both the queen and runnerup will receive numerous gifts.

During her reign, the "Miss Georgia Forestry" title holder will represent the forestry industry at various functions throughout the State. The Association will coordinate her activities.

The 1969 "Miss Georgia Forestry" is Sarah Amelia Walls of Brunswick.

Other business will include the election of officers and the presentation of awards. These will include the Outstanding General Performance Awards presented to Georgia Forestry Commission field supervisory personnel.

Greenville Keeps FFA Field Day Title

The State FFA Forestry Field Day was a repeat of 1969. The Future Farmers of America Chapter of Greenville High School took top honors. The Pelham FFA Chapter placed second.

Some 150 contestants, representing 15 chapters, participated in the field day. Schools represented were Houston Co. Training, Greenville High, Treutlen Co. High, Pelham High and Swainsboro High.

Others were Louisville Academy, Ashton and Lynwood High, Randolph Co. High, Jackson Co. High and Milton High.

Greene Co. High, Southside High, Patterson High, Lanier Co. High and West Fannin complete the list.

A target shooting event was sponsored by the Progressive Farmer Magazine. It was judged by Leroy Hackley and Sam Ramsey, wildlife rangers, Georgia Game and Fish Commission. This event was not counted in the field day competition.

First place winners in the various events were Walter Sealey and Howard Pollock, Pelham, Planting; Jeffrey Bell, Jackson Co., Bill Carmichael, Swainsboro, Alex Morrell, Pelham and Larry Washington, Greenville, Selective Marking; Jeffrey Bell, Jackson Co., Pulpwood Volume Estimation, Timothy Harper, Ashton and Lynwood, Sawtimber Volume Estimation, Thomas Estes, Greenville, Tree Identification and J.E. Brown, Lanier Co. and Allen Meeks, Swainsboro, Ocular Estimation.

Others included Marion Taylor, Randolph Co., Land Measurement, Ronnie Queen, West Fannin, Log Scaling, Jimmy Clark, Louisville Academy, Insect and Disease Comprehension and Kirk Cantrell, West Fannin, Pulpwood Scaling.

The winner of the rifle shoot was Austin Avery, Ag teacher, Swainsboro High School. The Milton High chapter, Alpharetta, placed second. J.T. Smith is the Ag teacher. R.E. Patterson, manager, Sunland School Plan, Progressive Farmer Magazine, Birmingham, Ala., presented the rifles.

The Greenville Chapter, directed by J.R. Cook, received an inscribed plaque and \$100. The Pelham Chapter, under M.R. Stewart, received a plaque and \$50.



Harold Joiner, executive director, Georgia Forestry Association, Atlanta, left, presents plaque to FFA Field Day winner Greenville High School. J.R. Cook, advisor, accepts. Team members are Bobby Keller, Grady Barber, Gene Massengale and Mike Waddell. Others, not present, are Thomas Estes, Ronnie O'Neal, Mike Washington, Larry Washington and Joel Washington.

The first place winners, in the individual events, were awarded \$20; second place, \$10; and third and fourth place, \$5.

James W. Smith, personnel assistant, Industrial Relations, Union Camp Corp.,



R.E. Patterson, manager, Sunland School Plan, Progressive Farmer Magazine, congratulates Vo-Ag Advisors J.T. Smith, Milton, and Austin Avery, Swainsboro, on their teams showing in the marksmanship contest.

Savannah, commended the FFA Field Day Program and its value to the youths in the years to come.

Malcolm Dillard, consultant forester, Vocational Agriculture Department, pointed out that the FFA field days create competition between FFA chapters whose members have acquired a basic knowledge of forestry, and who possess skills in the various phases of forestry. It gives the FFA advisor a means of creating an interest in forestry for FFA members, he added.

The State FFA Field Day was sponsored by the Trust Company of Georgia, Atlanta, and its six affiliated banks. They are the First National Bank and Trust Company of Augusta, DeKalb National Bank of Brookhaven, The First National Bank and Trust Company of Macon, The Fourth National Bank of Columbus, The First National Bank of Rome and the Liberty National Bank and Trust Company of Savannah.

The awards were presented by Harold Joiner, executive director, Georgia Forestry Association, Atlanta.

LETTERS

"FIRE WEATHER" FILM

I have recently had an opportunity to see the film, "Fire Weather" produced by the Georgia Forestry Commission. The film was also shown at the weekly staff meeting of the Associate Director for Meteorological Operations.

All who saw the film, including myself, were impressed by its excellence. We are gratified by the credit given to the Weather Bureau Fire Weather office at Macon for the services they provide to forestry interests.

George P. Cressman
Director, Weather Bureau
U. S. Dept. of Commerce
Silver Springs, Md.

EDUCATION

Mr. L. E. Schaeffer and Mr. Randy Clements, "Smokey" - brought a day-full of good cheer to the four classes for mentally retarded children at Westside Jr. High. They presented an excellent program and the children were so delighted...Especially pleased when the following Saturday they saw "Smokey" in the parade. The men who bring these programs to schools, make a lasting impression on children. A million thanks for a job well done.

Mrs. Alice Mallory
Special Education Teacher
Westside Jr. High School
Valdosta, Ga.

CONSERVATION

Members of the Capitol View Garden Club wish to thank Mr. Kenneth Bailey for being our guest speaker at our March meeting and in bringing us such an interesting and informative talk on "Conservation".

Mrs. R. Bruce DeLoach
Atlanta, Georgia

SCIENCE 1 TV SHOW

I am enclosing photos of Smokey and a letter regarding your part in our Science 1 television show. Also enclosed are the names of the children I thought their use in the station about forestry and Smokey would be helpful.

Randy Roy
11111 Telephone Station
Macon, Ga.

A few weeks ago I had a fire on my place which I reported. In a short time a young man, Ed Baggett, arrived with truck and bulldozer and was at work heading off the fire and had ordered another dozer since it was a very dry and windy day. In a little over an hour the fire was cut off and my men were able to take over - putting out individual trees, etc.

I would like the Thomas County Forestry Unit as a whole to know how much I appreciate this quick and efficient attention to what could have been a large loss of young planted pine and damage to my older trees and containing a fire which could have burned houses as well.

Parker Poe
Pebble Hill Plantation
Thomasville, Georgia

On Saturday night March 7 we called the Troup County Unit to a forest fire west of Highway 29 near Gabbettville. The fire was raging and there was a high wind and we had no way to control it. We called the number listed in the directory and Mrs. Pearl Sanders answered the call. It was not long before the men were at the fire and stayed until it was under control.

We want to thank everyone who had a part in the work for your prompt answer to the call and for staying with the job until it was finished.

Mr. & Mrs. Robert H. Hart
Gabbettville, Ga.

PRESCRIBED FIRE

I want to express my sincere appreciation to Mr. M. D. Waters and Mr. Durrence for the fine job they did in burning our woods near Collins. I was impressed with the interest the two of you displayed, and the conscientious manner in which the job was carried out.

Tattnall County is indeed fortunate to have men of their caliber in the forestry service.

G. E. Braswell
Jacksonville, Florida

F.F.A. FIELD DAY

We are grateful for the excellent cooperation given us by members of the Georgia Forestry Commission at the three recent F.F.A. Field Days. These Field Days, staged at Baxley, Toombs Central, and Louisville, were very

successful in every respect. I feel we must give a large share of the credit for this success to members of your organization who were so



Harold K. Mikell has been named assistant director of the Florida Division of Forestry. The announcement was made by Doyle Conner, Florida Commissioner of Agriculture.

helpful in each instance. You will note that each of these sites falls in a different District, but there was no difference in the contribution of your personnel.

E. A. Davenport, Jr.
Wood Procurement Dept.
Union Camp Corp.
Savannah, Ga.

TOUR

On a recent trip to Crawfordville, we visited the Taliaferro Forestry Unit. We were met and escorted by the two patrolmen on duty, Ricky Reese and Jim Grygo.

The two young men were most polite and helpful. They took my children on a tour of the station, explaining their various duties and the function of the equipment.

I was impressed by the neatness of the Unit and the courtesy of the patrolmen.

Mrs. Walter B. Johnson
Augusta, Ga.

ARBOR DAY

On behalf of the citizens of Rincon, thank you for the dogwood trees which you recently furnished our town. We planted quite a number of them and distributed the balance to citizens which we felt would plant them in places to beautify our town.

We hope this will be the beginning of a real beautification program for our town.

W. F. McKenzie
Mayor

Service Awards

35 YEARS

D. T. Spells.....Homerville Area Ranger
February 1, 1970
L. Jasper Stokes.....February 1, 1970

25 YEARS

Mrs. Marion C. Jordan...Stenographer
Washington District Office
February 1, 1970
Lawton F. Sanders.....Patrolman
Bryan County
February 1, 1970

20 YEARS

Paul I. Bowers.....Patrolman
Crawford County
November 1, 1969
Charlie G. Claxton.....Ranger
Burke County
January 1, 1970
Frank E. Craven.....Forest Education Chief
Macon, Ga.
January 1, 1970

W. W. Grizzle..... Ranger
Lumpkin County
February 1, 1970
Austin E. Guinn, Jr..... Ranger
Crawford-Taylor Unit
October 1, 1969
Waymond C. Huggins.... Ranger
Walker County
January 1, 1970
Grable L. Ricks..... Ranger
Laurens County
October 1, 1969
Tillman G. Kirkland..... Dispatcher
Coffee County
January 1, 1970
Henry L. Whelcher..... Patrolman
Hall-Banks Unit
December 1, 1969

SUB-CHAPTER...Ronald L. Cleaver, district forester, Catawba Timber Co., Elberton, is the first chairman of the Athens Area Sub-Chapter of the Georgia Chapter, Society of American Foresters. Other officers are Warren G. Carson, district forester, Georgia Kraft Co., Greensboro, chairman elect; and Donald D. Hook, plant physiologist, Forestry Sciences Laboratory, Athens, sec.-treas.

COVER PHOTO...In answer to Mrs. Cecil L. Cannon of Atlanta, Brownie Troop 114 of Macon is the cover photo of our March 1970 issue. Their leader is Mrs. Kay Snell.

DIRECTOR...Albert Engstrom, long-time employee of the Forestry Division, Oklahoma State Department of Agriculture, has been named director of the division. He succeeds Donald E. Stauffer director since 1946, who was promoted to chief, agricultural operational services for the department. The announcement was made by James N. Ballinger, president, State Board of Agriculture.

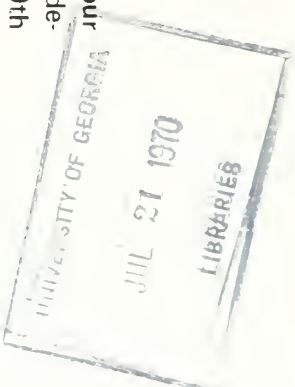


One of the highlights of the recent Georgia Forestry Commission Urban Forestry Workshop was the demonstration of symbols used by the Commission in forest conservation promotion. They are "Smokey the Bear" and Mr. Tree. Mr. Tree is the creation of Louie Deaton, a metro Atlanta forester. Assisting with the demonstration are John S. Dickinson, Dawson, and Frank Craven, chief, Commission Forest Education Division.

Georgia FORESTRY

June, 1970

Display This Flag Proudly



This year marks the start of our flag's, and our country's, bicentennial decade. As we begin this decade in which we will celebrate our nation's 200th birthday, there is no better time than now to reflect on the heritage of independence and freedom to which we are heirs. The Stars and Stripes is the banner representing the land, the people, the government and the ideals of the United States of America wherever it is displayed. The flag is a lasting, irreplaceable symbol of our independence, our way of life and our national unity.

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Georgia

FORESTRY



UNIVERSITY OF GEORGIA

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Georgia FORESTRY

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Route 1, Box 85
Dry Branch, Georgia 31020

OFFICIALS

A. Ray Shirley - Director
Julian D. Reeves - Deputy Director

BOARD OF COMMISSIONERS

Hugh M. Dixon	Vidalia
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STAFF

Frank E. Craven - Editor
Thomas R. Fontaine, Jr. - Assoc. Ed.
Thomas B. Hall - Artist

DISTRICT OFFICES GEORGIA FORESTRY COMMISSION

DISTRICT I - Route 2
Statesboro, 30458
DISTRICT II - P. O. Box 429
Camilla, 31730
DISTRICT III - P. O. Box 169
Americus, 31709
DISTRICT IV - P. O. Box 333
Newnan, 30263
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McRae, 31055
DISTRICT VI - P. O. Box 881
Milledgeville, 31061
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Rome, 30161
DISTRICT VIII - P. O. Box 1160
Waycross, 31501
DISTRICT IX - P. O. Box 416
Gainesville, 30501
DISTRICT X - Route 2
Washington, 30093

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Cruising The News

Surveying The Forests

Seventy percent of Georgia's land is in forests. Our state is the leading forestry state of the South and is among the top two or three in the nation.

Therefore, forestry products are a vital part of Georgia's economy and the way of life for many of her citizens. It is necessary that up-to-date information be obtained on our woodlands.

Such a project is underway at nearby Moultrie. The U. S. Forest Service is beginning a three-year survey to determine the amount of wood growth, removal of forest lands and lost growth potential through tree mortality. When the survey is completed the entire state's forest lands will be sampled.

The information will be used to aid the state in realizing its full economic potential from its forest resources. It will be used to attract efficient, modern forest based industries to the state.

It will be most meaningful to this South Georgia area because so much of our livelihood depends on what grows in our woods and how well we grow it.

(From the Valdosta Daily Times)

Forest Festival Success

The 13th Ware Forest Festival turned out to be one of the most successful ever held and we commend all those who were responsible.

Just as Thomasville is the city of roses, Waycross is the capitol of the pine tree area.

We are pleased to note that I. L. Booth received the Master Tree Farmer Award of the Commercial Bank. He saw the wisdom of scientific practices when he began tree farming in the 1920s and throughout the years he has followed recommended management procedures and it has paid off for him.

His tree farms, located north of Manor and in the Pine Valley community are regarded as splendid examples of careful planning and good management.

It is also a pleasure to join in saluting two Ware County youths who have been outstanding in forestry related activities.

Miss Jan Lee received the George M. Bazemore Memorial Forestry Award to Youth presented by the First National Bank and Ricky Pitts received the Youth Award for his work in the Future Farmers of America.

And last, but far from least, we tip our hats to the new Ware Pine Queen, Miss Susan Everett.

This lovely Ware County High senior will be an excellent representative of the forestry industry of our area.

We look forward to the 1971 Ware Forest Festival. The event gets bigger and better each year.

(From the Waycross Journal-Herald)

TREES FROM CERTIFIED SEED AVAILABLE

Improved, "Super", tree seedlings grown from certified seed, are being made available to Georgia landowners for the first time this year, according to Ray Shirley, director, Georgia Forestry Commission.

The certified seed stock will account for 23 percent of the total tree seedling crop of 59,958,309, Shirley said. All improved tree seedlings will represent more than 46 percent of the crop. The improved seedlings consist of loblolly and slash pine trees.

Approximately 50,237,909 tree seedlings are available for order by Georgia landowners. An additional 9,720,400 seedlings are being grown under contract for industries. The seed, furnished by industry, came from their seed producing orchards.

In announcing the availability of seedlings, Shirley reported that the price on all regular species of pine has been increased to \$5 per thousand, an increase of 50 cents. The species include longleaf,

shortleaf, slash and Virginia pines. The improved stock remains the same at \$6 per thousand, he added. Shirley cited increased cost of production for the price increase.

James C. Wynens, chief, Reforestation Division, said that the early submission of orders is encouraged as all orders received prior to the first of November will be filled depending on supply. If orders exceed supply, the trees will be prorated between orders. Orders received after the first of November, Wynens added, will be filled on a first come, first serve basis.

He pointed out that seedling application forms can be obtained from the Forestry Commission County Rangers, County Agents, Soil Conservation Service Technicians and Agricultural Conservation Program Officers. All orders must be submitted on a Forestry Commission application form.

Wynens emphasized that payment must accompany all orders before shipment can be made. No refunds will be made on

orders cancelled after February 1, 1971.

Mail the completed applications to the Georgia Forestry Commission, P. O. Box 819, Macon, Ga. 31202.

For assistance in determining your reforestation needs, contact your local county forest ranger.

Ordering Instructions

The following tree seedlings are being grown for sale by the Georgia Forestry Commission during the 1970-71 planting season.

SPECIES	Per 1000	500	50
Pines:			
Eastern White	\$ 9.00	\$4.50	\$2.00
Improved Loblolly	6.00	3.00	1.00
Improved Slash	6.00	3.00	1.00
Longleaf	5.00	2.50	1.00
Shortleaf	5.00	2.50	1.00
Slash	5.00	2.50	1.00
Virginia	5.00	2.50	1.00

OTHER:

Arizona Cypress	10.00	5.00	2.00
Bicolor Lopedeza	6.00	3.00	1.00
Black Walnut	10.00	5.00	2.00
Catalpa	10.00	5.00	2.00
Cottonwood Cuttings	10.00	5.00	2.00
Dogwood	25.00	12.50	3.00
White Oak	10.00	5.00	2.00
Chestnut Oak	10.00	5.00	2.00
Swamp Chestnut Oak	10.00	5.00	2.00
Sawtooth Oak	10.00	5.00	2.00
Redcedar	10.00	5.00	2.00
Sycamore	10.00	5.00	2.00
Yellow Poplar	10.00	5.00	2.00

A transportation charge of \$.50 per thousand trees and \$.25 per five hundred trees must be added to the above costs if trees are delivered by State Truck to County Ranger Headquarters.

All sales of less than 500 trees must be in packages of 50, and priced at multiple of 50 price.

APPLICATION FOR NURSERY STOCK GEORGIA FORESTRY COMMISSION MACON, GEORGIA 31202 P.O. BOX 819

ORDER NO. _____

NAME OF APPLICANT: _____ PHONE NO. _____

ADDRESS: _____ CITY: _____ ZIP CODE: _____

IF SEEDLINGS ARE TO BE DELIVERED TO SOMEONE OTHER THAN APPLICANT, COMPLETE THE FOLLOWING.

AGENT'S NAME: _____ PHONE NO. _____

ADDRESS: _____ CITY: _____ ZIP CODE: _____

DELIVERY DESIRED AS SHOWN BELOW:

DATE	SPECIES	NUMBER OF SEEDLINGS	COUNTY OF PLANTING	FOREST DISTRICT	AREA

TYPE OF OWNERSHIP: (Check one)

- ☐ 1. Private persons, Clubs, Associations & Private Schools.
- ☐ 2. Private Forest Industry - Lumber Mfg.
- ☐ 3. Private Forest Industry - Pulp & Paper.
- ☐ 4. Private Forest Industry - Naval Stores, Plywood, etc.
- ☐ 5. Private other industry lands.
- ☐ 6. Town, County, and Public Schools.
- ☐ 7. State and other Public Lands.
- ☐ 8. Federal Government
- ☐ 9. Other (specify): _____

METHOD OF SHIPMENT:

(Check one)

- 1 ☐ STATE TRUCK TO COUNTY FORESTRY OFFICE
- 2 ☐ APPLICANT WILL PICK UP AT NURSERY

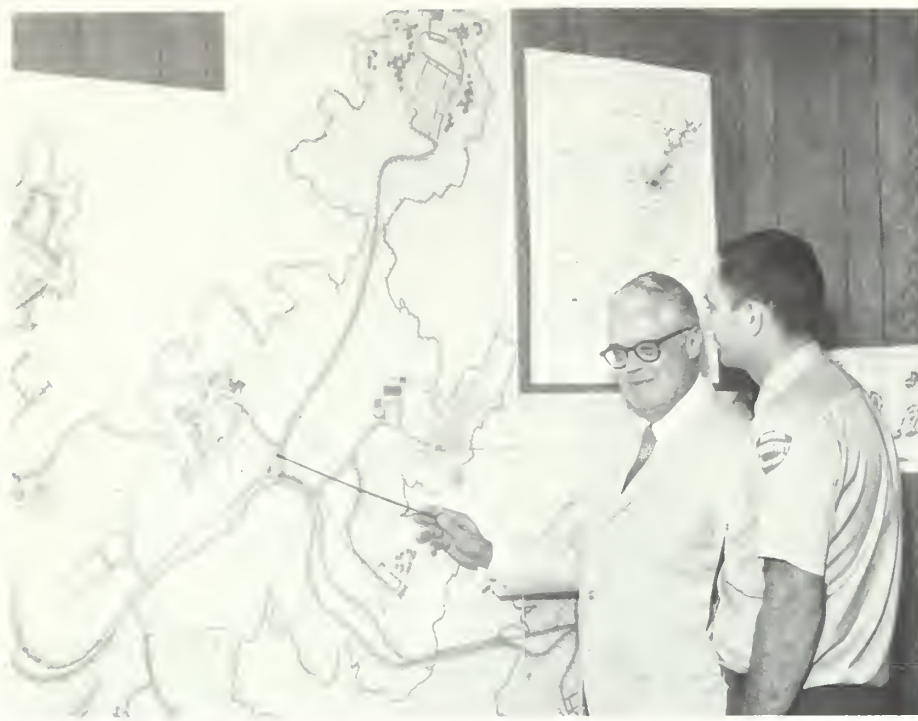
SEEDLINGS RECEIVED IN GOOD CONDITION

I HEREBY CERTIFY THAT I DESIRE TO PURCHASE THE ABOVE NURSERY STOCK UNDER CONDITIONS PRINTED ON THE BACK OF THIS FORM

PAYMENT \$ _____ DATE _____ SIGNATURE _____

DO NOT WRITE BELOW THIS LINE

NURSERY ASSIGNED: ☐ DAVISBDRD ☐ HERTY ☐ WALKER ☐ MORGAN



Major General William A. Cunningham, retired, executive director of the Lake Lanier Islands Development Authority, and Winston West, Gainesville Area forester, Georgia Forestry Commission, discuss the Islands' layout and the part forestry is expected to play in the project's completion.



The forest will designate various areas for natural forest preserves.

The Georgia Forestry Commission and The Lake Lanier Islands Development Authority have entered into an annual agreement providing for a staff forester. The announcement was made recently by Ray Shirley, executive director of the Georgia Forestry Commission, and Major General William A.

Cunningham, retired, Islands executive director.

General Cunningham states that a staff position was allocated to forestry because of plans to maintain the natural setting of the islands, and incorporate the natural resources with the construc-

Forester Assigned

The Lake Development



tion of facilities. He added that the cooperation and support of the Forestry Commission has been outstanding in every respect.

Shirley stated that the staffing of a forester is the realization of the vital role forestry can undertake in such endeavors. With technical assistance at hand throughout construction, the natural resources and the aesthetics of the islands will be maintained.

The Lake Lanier project has been authorized by the Georgia General Assembly in recognition of the need for more and better public recreation facilities and of the unique features of the island sites. With the central purpose recreation, other public objectives are economic development, preservation of

anier Islands Authority



Executive Director William A. Cunningham and Gainesville Area Forester Winston West discuss factors that will determine the cutting or leaving of trees such as the use of the area, effect on wildlife, ecology of the area and condition of the trees.



Part of the forester's responsibility will be the prevention of such wholesale clearing. Every effort will be made to preserve the maximum amount of the natural landscape.

open space, protection of wildlife, identification of historical sites and opening of scenic areas.

Jack Griffis of Homerville has been assigned to the staff. The forester's first responsibility will be to make a comprehensive inventory of the islands in order to preserve the maximum amount of the natural landscape during construction of facilities. Prior to construction, trees will be marked for cutting and areas which may be cleared of vegetation will be mapped.

During construction, Griffis will work with supervisory architects and engineers to see that restricted areas are respected.

Following construction Griffis will be responsible for creating the extensive natural forest preserve, its trails, marked

trees and shrubs. This will involve handling entomology functions, control of selective plantings and working closely with ground maintenance. With the commencement of operations, he will be involved in conducting tours of the

forest.

Griffis comes to the Forestry Commission from the American Turpentine Farmers Association, Valdosta. He graduated from the University of Georgia School of Forest Resources in 1962.

House Stamps Approval

On Fire Lab Expansion

Sixth District Congressman Jack Flynt, Jr. has announced that the U. S. House of Representatives has passed a \$140,000 appropriation to plan an addition to the present Southern Forest Fire Laboratory near Macon. The announcement came at the 1970 meeting of the Southern Forest Fire and Information and Education Chiefs' meeting.

Speaking at a luncheon, commemorating the tenth anniversary of the forest fire laboratory, the Griffin congressman cited the importance of the timber industry to the South, noting that forest wildfires can be damaging to the standard of living and quality of life enjoyed by the area's citizens.

He said that total funds spent for forest protection in 1969 were \$99,014,871 of which \$84,618,871 were State, local and private funds. Only \$14,396,000 were federal monies. "This downward trend in federal support," Flynt emphasized, "will not only jeopardize current efforts in forest protection, but will fail to assist in strengthening programs to meet future problems."



Congressman John J. Flynt, Jr.

In other business, South Carolina was the recipient of the Sam Biechler Fire Prevention Award for 1969.

Douglass A. Craig, director, Southeastern Area, State and Private Forestry, U. S. Forest Service, Atlanta, presented the award to John Shirer, fire chief, and Walter T. Ahearn, assistant State forester, I&E, South Carolina State Commission of Forestry.

The award, initiated in 1961, goes to the Southern State showing the greatest improvement in its fire occurrence record. Arkansas and North Carolina ranked one, two behind South Carolina. Other States with below average fire occurrence were Florida, Georgia and Tennessee.

Other program highlights included technical sessions on fire research, discussion of current fire prevention programs and a tour of the fire laboratory.

James C. Turner, Jr., chief, Forest Protection, Georgia Forestry Commission, and Jack Dieterich, director's representative, Southern Forest Fire Laboratory, were co-chairmen of the Fire Chiefs' program. The I&E Chiefs' program was headed by Frank Craven, chief, Forest Education, Georgia Forestry Commission.

The 13 southern States represented included Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana and Mississippi. Others were North Carolina, Oklahoma, South Carolina, Tennessee, Texas and Virginia.

Need For Land Use Planning Explored

A Symposium, set up to achieve an understanding of the needs for and to explore various facets of land use planning, was held at the University of Georgia, Athens.

Frank E. Craven, Georgia Forestry Commission, Macon, general chairman of the Symposium, said the program agenda was designed to be of interest to land use agencies, economists, gov-

ernment agencies, industry and the general public.

President Richard Nixon, in a recent message to Congress, said "Like those in the last century who tilled a plot of land to exhaustion and then moved on to another, we in this century have too casually and too long abused our natural environment. The time has come when we wait no longer to repair the damage al-

ready done and to establish new criteria to guide us in the future".

Georgia's "Land Use Planning Symposium explored the need for comprehensive land planning in Georgia made necessary by the State's surge in population and industry coupled with Georgia's more leisure time and income, Craven added.

The meeting was initiated by the Georgia Chapter, Soil Conservation Society of America and the Georgia Institute of Community and Area Development, University of Georgia.

Co-sponsors included the Georgia Association of Soil and Water Conservation Districts, Association of County Commissioners in Georgia, Georgia Conservancy, Georgia Regional Development Association, Georgia Forestry Association, Georgia Sportsmen Federation, The Georgia Outdoor Writers Association and the University of Georgia.

Promotions

Five promotions have been announced by Ray Shirley, director, Georgia Forestry Commission, Macon.

William C. Harper, Statesboro district forester, and Druid N. Preston, assistant forest management chief, Macon, have been named field supervisors. F. Al Smith, Newnan district forester, has assumed the duties of assistant forest administration chief. All three men are working out of the Forestry Commission's State headquarters in Macon.

Others include Jerry R. Lanier, Statesboro Area forester, who has been named Statesboro District forester, and Rowe T. Wall, Americus Area forester, who has been named Newnan District forester.

Shirley stated that Harper and Preston will supervise all field operations in regards to the Commission's services. This includes the coordination of forestry programs that are being designed to meet a county's specific needs. Each county will have outlined objectives with goals set for their implementation.

This program will help implement plans for the Third Forest needs, resulting from the study by industry and forestry organizations to provide forests for the years ahead.

Harper will work the Commission's Statesboro, Camilla, Americus, McRae and Waycross Districts. Preston is responsible for the Commission's Newnan, Milledgeville, Rome, Gainesville and



Druid N. Preston

Washington Districts.

Smith will assist in planning and coordinating activities involving budgeting, purchasing, payroll, printing and data processing, Shirley said.

Harper came with the Forestry Commission in July 1950. He served as district forester at both Milledgeville and Statesboro. He has been the Statesboro District forester for the past 16 years.

Preston came with the Forestry Commission in 1955 as the Newton County Ranger. In succeeding years, 1956-57, he served as assistant Fourth and Third District management forester at Newnan and Americus, respectively. He assumed the duties of Rome District forester in 1962.

Smith began his Forestry Commission career in 1951 as ranger of the Cook



William C. Harper

County Forestry Unit. He has held the positions of assistant district forester and district forester. Smith has been the Newnan District forester for the past 12 years.

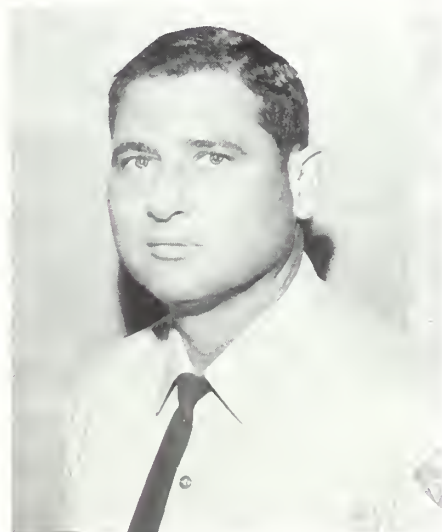
Lanier came with the Forestry Commission in 1958 as an assistant ranger in Emanuel County. In 1960, he was promoted to assistant Statesboro District forester and to Statesboro Area forester in 1969.

Wall came with the Forestry Commission in 1958 as an assistant ranger in Emanuel County. In 1960, he was promoted to assistant Americus District forester in 1960 and Americus Area forester in 1969.

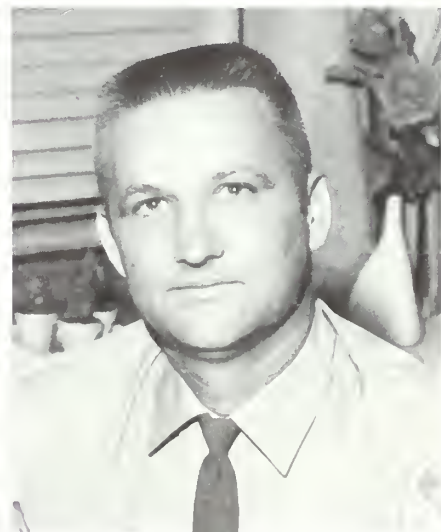
All five men are graduates of the University of Georgia School of Forest Resources.



F. Al Smith



Rowe T. Wall



Jerry R. Lanier

Future Needs Cited Rural-Urban Programs Outlined Perils Noted



Gerald B. Saunders

If Georgia is to take her fair share of the increased forest needs of the future, landowners must produce "at least two to three times" the present production.

Speaking to the annual meeting of the Georgia Forestry Association, A. Ray Shirley, who serves as director of the Georgia Forestry Commission, said Georgia already has implemented many of the goals of the heralded Third Forest program.

A southwide study of forest needs by private and industrial landowners has shown three distinct periods in forest history. The first was the virgin forest which early settlers found in this country and the second is the mature stands that are being presently managed and harvested.

The so-called Third Forest is the forest land being planted today and to be utilized in the future.

Director Shirley said already the South has been alerted that it will be required to provide more than one-half of the nation's wood products. He outlined a forestry program that must be implemented to fulfill these needs.

Among these were fire protection, maximum timber production, marketing for maximum return, planned management programs, development of a sound tax program and an educational program to place forestry in the right perspective in the economy.

He noted that the U. S. Forest Service has begun a detailed resource study to determine available and future sources. This will permit the Forestry Commission along with other forest interests to develop a sound forestry program with realistic goals.

While most Georgians think of the Georgia Forestry Commission activities being related to rural forest fires, John Mixon said the Metro Forestry Program in Atlanta has shown the need for help in urban areas.

Mixon, who heads the nation's first such program geared to the needs of an urban community, told the group that thousands of calls come into the headquarters each month.

"These are the people who have a shade tree problem, want trees marked for harvesting and a thousand and one other questions," he told the landowners, professional foresters and other members of the state organization.

Trees know no city limit boundaries, he explained, and the metro program has already attracted nationwide attention.

Two visiting state forestry officials told the Georgians about their bouts with natural disasters and how they attacked the problem.

Wendell Lack, state forester in Mississippi, outlined the situation following Hurricane Camille last year and how the industry, government and landowners banded together for a united harvest program.

He went through the day to day struggle to salvage the devastating destruction of timber. He said at least the equivalent of one year's timber growth for the entire state was destroyed.

From our misfortune, tree farmers learned the necessity of keeping better

cost records, that heavier stocked stands will withstand storms much better than sparsely stocked stands, that producers were quicker to buy timber in the thick stands and holding timber past a mature, merchantable size is not always as safe as a "savings account", Lack pointed out.

Lack was joined by Assistant State Forester E. C. Pickens of South Carolina in talking about disasters that have hit his state. Two ice storms in recent years, one before any type plan was initiated and second following a program that was immediately implemented. Having the disaster plan made it possible to salvage at least one-third more wood than without the plan, Pickens concluded.

The Georgia Forestry Association, in cooperation with the Georgia Forestry Commission and other related agencies, is studying the feasibility of establishing an emergency disaster program to eliminate as many start-up salvage operational problems as possible.

The Georgia Forestry Association meeting, which attracted some 800 landowners, industry representatives and allied people, also was the platform for the public disclosure of the success of the Rural Fire Defense program.

The Rural Fire Department, initiated two years ago by the Georgia Forestry Commission with cooperative agreements from the federal government, has attracted wide participation.

Turner F. Barber, Jr., who heads the program for the Georgia Forestry Commission, says 168 departments in 100 counties have received 189 pieces of equipment to put in service.

"This has enabled many communities in our state to have their only fire fighting equipment," Barber said. "We have 58 requests for equipment at this time and receive from eight to 15 requests per month. Approximately eight to ten pieces of equipment are placed each month."

He told the Georgia Forestry Association audience that the program was already reducing fires in some areas just by having the equipment on hand. "When



Sharon Sirmans

we have found some 'hot spots' where fires have occurred frequently, we have put equipment in service and the number of fires have noticeably reduced."

Election of officers, presentation of awards and the crowning of "Miss Georgia Forestry" highlighted the 1970 banquet of the Georgia Forestry Association.

Gerald B. Saunders of Columbus was named to a second term as president of the Association. C. M. Chapman, treasurer; Harold Joiner, executive secretary; and Mrs. Helen M. Dixon, secretary; all of Atlanta, were reelected to their respective positions.

Saunders is president of the Alexander Brothers Lumber Company in Columbus. He has been associated with the company since 1918, beginning as bookkeeper. He became president in 1940.

The native of Lilesville, N. C. is a member of the Southern Pine Association, New Orleans, Louisiana; chairman of the board of Southern Home Loans; director of Columbus Plumbing and Mill Supply; American Family Life Assurance Company and Columbus Parking, Inc. Other activities include being a trustee of the Columbus College Foundation, Inc., trustee of the Georgia Baptist Foundation, Inc., member of the Columbus Chamber of Commerce and the Endowment Committee of Georgia Baptist Convention and on the President's Council at Tift College in Forsyth.

Saunders is married to the former Charlotte Alexander of Waverly Hall. They have four children and three grandchildren.

The 1970 Miss Georgia Forestry is Sharon Sirmans of Adel. The 18-year old

Cook Countian was crowned by the reigning queen, Miss Sarah Amelia Walls of Brunswick. Miss Lana Funderburk of Metter was the runnerup.

In winning the pageant, Miss Sirmans received a \$500 scholarship to the college of her choice in Georgia. During the year, she will represent the Association at various forestry functions.

Miss Sirmans is the daughter of Mr. and Mrs. C. L. Sirmans. Mr. and Mrs. Wilton Funderburk are the parents of Miss Funderburk.

The Georgia Forestry Commission's Brunswick Area has been awarded the Georgia Forestry Association's 1970 Outstanding General Performance Award. H. L. Neal is the Area forester.

The Banks-Hall Forestry Unit was named the Outstanding Unit in the State. Robert McDonald is the Unit's forest ranger.

The Best Fire Record Award went to Chattahoochee County. The Chattahoochee County forest ranger is James W. McGlaun.

Individual county unit winners and rangers are Effingham, Ernest Rahn; Colquitt, Newell D. Lastinger; Lee, John Radcliffe, Jr.; Clayton-Fayette, Thomas G. McClendon; and Irwin, Jack E. Vickers.

Others are Twiggs-Wilkinson, Harold Watkins; Paulding, Alfred Craton; Ware, R. T. Kirkland; Banks-Hall, Robert McDonald; and Morgan-Walton, W. Harold Jones.

Eley C. Frazer, III, F & W Forestry Services, Albany, presented the awards. Frazer stated that the General Performance Awards are presented to the Forestry Commission's Area and those counties that have been outstanding in the performance of their forestry services to the citizens of Georgia. He pointed out that their cooperativeness and regard for responsibility are on the highest level.

The Association's Forestry Public Service Award went to WAGA-TV, Atlanta, and The Brunswick News. The awards were accepted by Mike Rometry, production manager, WAGA-TV and Ben Payne, City editor, The Brunswick News. The awards were presented in recognition of the time, space and effort given to the perpetuation of forest conservation.

Appreciation Awards were presented to Dr. Leon A. Hargreaves, professor, School of Forest Resources, University of Georgia, Athens; Representative Mobley Howell, Blakely; and Robert H. Rush, chairman, Membership Committee, GFA, Hawkinsville.



Personnel and Units recognized by the Georgia Forestry Association are, front row, R. T. Kirkland, Ware; Alfred Craton, Paulding; Harold Watkins, Twiggs-Wilkinson; Thomas McClendon, Clayton-Fayette; Ernest Rahn, Effingham; and H. L. Neal, Jr., Brunswick Area. Back row, W. H. Jones, Morgan-Walton; Robert McDonald, Banks-Hall; Jack Vickers, Irwin; John Radcliffe, Jr., Lee; Newell Lastinger, Colquitt; and James McGlaun, Chattahoochee-Marion.

Forestry Faces And Places



Mrs. M. C. Jordan, a native of Metasville and long time resident of Washington and Wilkes County, has retired ending more than 25 years of service with the Georgia Forestry Commission. She came with the Forestry Commission on February 1, 1945 as a district secretary. This has included administrative duties as well as operating the Commission's radio network.

Mrs. Jordan, in recalling her years of tenure, stated that the district office was located on the third floor of the Washington Loan and Banking Company in 1945. The facilities were moved to their present location on Ga. 17 in December of 1953.

She noted that Wilkes County was the only county in the Tenth District that was under organized protection when she assumed her duties. By 1956, the district had grown to 15 counties.

The only communication was by telephone in 1945, Mrs. Jordan recounted. This was changed in 1952 with the innovation of two way radio which connected you with the county units. This has been amplified to include administrative and fire control frequencies.

H. G. Collier, Washington District forester, presented Mrs. Jordan with an engraved plaque, scrapbook and gardening tools. Collier, in making the presentation, stated that her efficiency and dedication to her job throughout the years are a tribute to her, her family and the Georgia Forestry Commission.

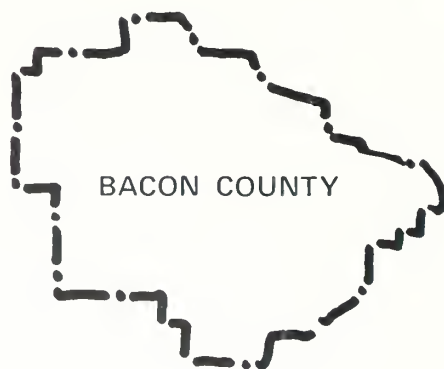
Mrs. Jordan is the wife of O. J. Jordan and has two children, a son and a daughter.

Bacon County matches the State's figure in percentage of land area in forest acreage. There are 129,100 forest acres in Bacon County which represents approximately 69 percent of the land area.

More than 78 percent of the forest acreage is farmer-owned. The forest acreage has a volume of 202.9 million board feet of sawtimber and 1.3 million cords of pulpwood.

The production of 67,786 cords of round pulpwood in 1968 gave Bacon County a total of 821,999 cords produced since 1946. The 1968 production was the county's second highest productive year. The top year was 1967 with 69,331 cords produced. In 1968 there were 38 gum producers in the county working 243,447 acres.

In 1969, there were seven wood-using industries in Bacon County. There were 101 persons with an annual payroll of approximately \$177,656.



Dr. Stephen G. Boyce, assistant to the deputy chief for Forestry Research, Washington, D.C., has been appointed director of the Southeastern Forest Experiment Station, Asheville, N.C. The announcement was made by Edward P. Cliff, chief, Forest Service, U.S. Department of Agriculture.

He succeeded Walter M. Zillgitt who retired after 37-years in Forest Service Research. During his four years as director of the Southeastern Station and three years as head of the Southern Forest Experiment Station, Zillgitt has led in the movement that produced the scientific foundation for the intensified forestry now being practiced over much of the South.

As director of the Southeastern Forest Experiment Station, Dr. Boyce will be responsible for Federal forestry research in Florida, Georgia, North and South Carolina and Virginia. He will administer research activities at 11 locations with 120 scientists and 250 supporting personnel.



Jerry R. Lanier is the Statesboro District forester and Area forester for the four county area of North Bryan, Bulloch, Chatham and Effingham.

Lanier came with the Forestry Commission in 1958 as an assistant ranger in Emanuel County. In 1960, he was promoted to assistant Statesboro District forester, to Statesboro Area forester in 1969 and to Statesboro District forester in 1970.

The native of Candler County is a graduate of the University of Georgia School of Forest Resources. There, he was a member of the Forestry Club and Alpha Gamma Rho fraternity.

A registered forester, Lanier is a member of the Society of American Foresters. He was honorably discharged from the U. S. Air Force with the rank of Airman First Class in 1966.

Lanier and his wife, the former Phebia Ann Rocker of Metter, have two children, Jerry, Jr., four; and Sonya Kaye, two. The family is a member of the Baptist Church of Statesboro where Lanier is a deacon.

A Seaboard Coast Line Railroad sponsored forestry field day demonstration recently attracted approximately 1,000 legislators, foresters, woodland owners and forestry educational leaders from 26 States and Canada.

Forestry, Georgia's number two industry, had top billing at the Railroad's annual forestry and conservation exposition. The event was held at the Millarden Farms near Manchester.

"Resources For The Seventies" was the theme of the 1970 program. Alexander Calder, Jr., president, Union Camp Corp., was the principal speaker. W. Thomas Rice, chairman, SCL Board, was the official host. Governor Lester Maddox welcomed the guests.

Air and water pollution control, low cost housing, disposables, containerization and tomorrow's railroads were new subjects featured in the four-hour program.

Spread out in a huge circle, along the woods and cross the pastures were eight demonstration stations where si-

SCL Holds Forestry Field Day

multaneous presentations took place. They covered various phases of forestry, conservation and environmental control. The demonstrations were designed to inform and educate persons with an interest in natural resources and transportation.

The speakers included Thomas C. Nelson, associate deputy chief, U.S. Forest Service, Washington, D.C.; Ray Shirley, director, Georgia Forestry Commission, Macon; S.W. White, Jr., vice president, White Motor Corp., Cleveland, Ohio; and Tyson Stephens, president, Georgia Association Future Farmers of America. John J. Flynt, Jr., Georgia Sixth District congressman, delivered summary remarks.

Twenty-five companies and organizations, with interest in the wide use of Georgia's resources cooperated with the SCL in presenting the program.

The demonstration was organized by Robert N. Hoskins, assistant vice president, Seaboard Coast Line Railroad, Richmond, Va.

Ranger Of The Quarter

The Effingham County Forestry Unit, located at Springfield, has been the recipient of the Georgia Forestry Association's Outstanding General Performance Award in two of the past three years. The Unit is headed by Ernest Rahn.

This past year the Unit was cited for its excellent fire prevention program which led to a 38 percent reduction in wild forest fires over 1968. Personnel suppressed 111 fires that burned 884 forest acres. There are 260,600 forest acres in Effingham County which represents 85 percent of the land area.

Rahn states that the influx of housing projects and trailer parks has raised his average number of fires from 80 to 100 fires annually. To combat the problem, three Rural Fire Defense Departments have been established. They are located at Guyton, Meldrum and Springfield. The equipment is in the process of being



Ernest Rahn

made operable.

In addition, personnel plowed 219 miles of firebreaks for 77 landowners. Another 38 requests for control burning

assistance were answered.

In forest management, 38 landowners were assisted on 10,277 acres. Prescribed burning involved 5,083 acres. Jerry Marsh is the project forester for the county with headquarters at Statesboro. Other areas under his responsibility are Bulloch, North Bryan and Chatham Counties.

Personnel located and collected tupelo gum, black walnut, dogwood and sycamore seed for the Commission's reforestation program. Assistance was also given 16 landowners in the ordering of 12,150 tree seedlings.

The Unit's personnel represent 69 years of service to the State, headed by Rahn with 21 years. Other personnel are Patrolmen Dale Bragg, two years; Ernest Cousey, 16 years; and Marian Exley, 15 years and Towerman Watson Edwards, 15 years.

Georgia

Forest Survey Underway



Chaining the plot.

Georgia's vast forest resources are being tabulated in a massive survey program that got underway in June. The scientifically designed study is expected to take approximately three years to complete. The survey will blanket the State's 37.7 million acres of land and water area with a statistical sampling pattern.

The survey team is an arm of the Southeastern Forest Experiment Station of the U. S. Forest Service, Asheville, N. C. Joe P. McClure, project leader, Forest Survey, Southeast, set up the first field office in Moultrie. Thomas R. Bellamy is the field supervisor. The State headquarters for the survey field work is the Georgia Forest Research Council at the Georgia Forestry Center near Macon.

"This is the fourth forest survey in Georgia," reported McClure. "The first survey was made in 1936, with two surveys being carried out in 1953 and 1961. As nearly as possible, sample points for this new survey will coincide with plots from the older surveys."

The purpose is to determine how

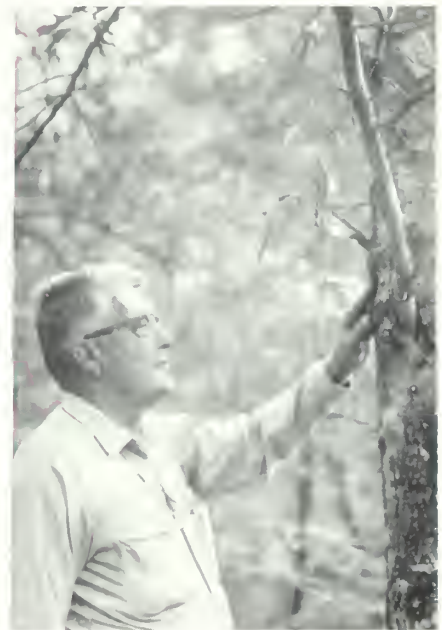
much wood growth is taking place in the forests, how much of the forests is being removed for various reasons and how much potential growth is being lost to tree mortality," he pointed out. "We will also update our figures on the total volume of wood that is in the forest as well as the number of acres that can be classified as forest land."

"By designing our new survey to recheck the old sample plots as closely as possible, we have an excellent method of determining the existence and rate of change of many separate trends in forest conditions. These trends can also be projected into the future to give reliable estimates of what is likely to take place for a good many years to come."

Bellamy stated that to complete the statewide survey will require visiting and tabulating conditions at 6,796 separate forest plots. A series of observations will be recorded at each location. These observations have been carefully designed to yield maximum information about a broad range of forest conditions. Experience from the three previous surveys has made possible a constant refinement

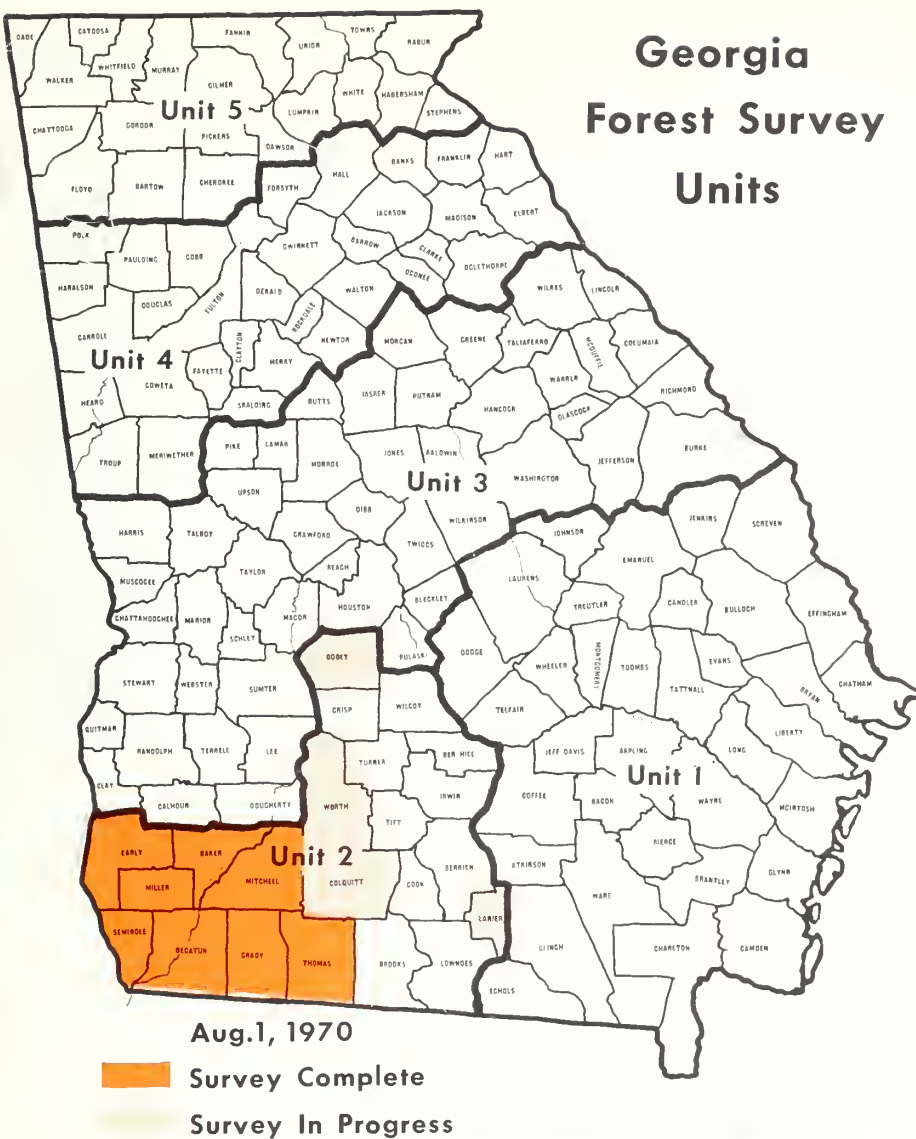


Roy C. Henson, group assistant, locates the center of the old sample location designated by pin.



Leonard G. Edwards, group assistant, locates one of two witness trees which is designated by scribe marks.

Georgia Forest Survey Units



tion available on each survey unit within four months of the completion of the field work on that unit and within one year on completion of the State," McClure explained.

The three year time requirement to finish the mammoth undertaking is based on the capabilities of the team from the Southeastern Forest Experiment Station. It is hoped that the additional personnel provided by the Georgia Forestry Commission and industry will speed up the effort.

The cruising is done by one or two man crews consisting of a chief and measurer. The survey crews work in groups or two or more crews. The crew chief of the group is in charge of the general planning of the work, directing crews from one temporary headquarters to another and assisting the field supervisor in obtaining ownership data and editing field records.

The southwestern section of the coastal plain, Unit Two, is scheduled for completion in November. Rounding out the inventory schedule is the southeastern section of the coastal plain, Unit One, December 1972; southern piedmont, Unit Three, November 1972; northern piedmont, Unit Four, April 1973; and mountains and foothills, Unit Five, July 1973.

of sampling procedures.

He emphasized that although the sampled plots will represent only a tiny fraction of the State's more than 27 million forest acres, scientific selection of sampling methods will mean that the volume of wood growing in all forests will be reported within plus or minus five percent of the exact amount. The area of commercial forest land and the volume of annual timber removal from growing stock will also be reported with a similar margin of error.

"The State is divided into five forest survey units to facilitate organization of the survey. As soon as we complete the survey of one of these units, work is begun toward publication of the findings so that the dozens of individuals and groups who have an interest in them can get the facts at the earliest possible time. We expect to have published informa-



The witness trees are measured and compared with measurements taken in the previous survey.

Memoriams



C. DORSEY DYER

C. Dorsey Dyer, 53, Georgia Extension Service forester, Athens, has died. Dyer headed the Extension forestry program since 1952.

As its head, he initiated Georgia's Six-Step Forest Management Program, developed subject-matter program for 4-H Club forestry and naval stores camps, served as national chairman of the 4-H Club Forestry Development Committee for three years and chairman of the Georgia Chapter, Society of American Foresters.

The nationally known extension forester began his extension career as an assistant county agent in Catoosa County in 1941. Dyer served as an assistant Extension forester in Athens and Tifton from 1947-52.

The former Georgia Forestry Commission forester, 1940-41, was recognized throughout his career for his leadership by his profession, industry, business and sportsmen of the State.

Dyer graduated from the University of Georgia School of Forest Resources in 1940. He received his masters in forestry in 1960. At the University, he was a member of the Xi Sigma Pi Honorary Forestry Society, Phi Kappa Phi, vice-president of the student body, captain of the cross country track team and Forestry and "G" Clubs.

Dyer is survived by his wife, the former Ethel Lee Emberson of Ringgold and two sons, Percy, Jr. and Cooper. The family is a member of the First United Methodist Church in Athens where Dyer was a member of the Epworth League board.

BURL J. BIVINS

Burl J. Bivins, 64, former Carroll County forest ranger has died. Bivins retired from the Georgia Forestry Commission in 1968 with 19-years of service. A native of Carroll County, Bivins is survived by his wife, Mrs. Ora Glenn Bivins.

F. J. TATUM

F.J. Tatum, 44, a patrolman with the Dawson County Forestry Unit has died following an extended illness. Tatum came with the Georgia Forestry Commission in 1964. The native of Fulton County is survived by his wife, Mrs. Wilma Wilson Tatum and four children.

LETTERS

WORKSHOP

With reference to our FCHS workshop held at Alexander H. Stephens State Park in Crawfordville, I wish to express for myself, my students, and the parents and teachers who accompanied us, our sincere appreciation for the participation, cooperation and services of Tom McFarland, Theron Devereaux, John Harrison and Chuck Place.

The students thoroughly enjoyed the program and, by actually participating in the activities, this workshop was made even more valuable as a learning experience. Nothing that I could have done in the classroom would have been as effective.

I would like to point out that, while we make a biology field trip each year, this workshop was a direct result of my own experience as a student in the Natural Resources Institute held at Valdosta State College this past year. In all truthfulness, I can say that I learned more from the Institute experience than from any course I had in college. And, further, enjoyed the experience far more than in any college course.

Walter T. Riggs
Biology Department
Fayette County High School
Fayetteville, Georgia

ASSISTANCE

I am writing in regard to a call for help I recently made to the Commission. A Mr. Ken Bailey answered my call and I was so impressed with his service I cannot say enough about the gracious and professional manner in which he conducted himself. As a result of his service, I may be able to save a beautiful oak tree beside my home.

We taxpayers often wonder how our tax dollars are used in government. We can see services such as in highways, garbage pickup, schools, etc. However, we read very little in our newspapers about your people and the services they render daily to make our world a better place in which to live. I wonder if there are not thousands of people who do not realize that such services are also available to them.

I compliment you on a most efficient operation and the highly professional caliber of men that serve on your staff.

R. P. Sellers
Darby Printing Company
Atlanta, Georgia

Thank you for the fine assistance that helped put over "Resources For The Seventies" this past May.

Please express our sincere thanks to everyone in the Commission that had a part in the program.

Alan J. Fowler
Asst' Gen. Ind. Forester
SCL Railroad Company

FIELD DAYS

On behalf of the vocational agriculture teachers and FFA boys of our state, I want to express appreciation to the Georgia Forestry Commission for their very fine support of our area and state FFA forestry field days. The publicity given our field days is most appreciated.

We feel that our forestry field day program is a most excellent educational activity. We believe that our boys are learning many valuable skills and at the same time this program is promoting the further expansion of our forest industry in Georgia. Your organization certainly gives excellent leadership to our forestry activities.

J. L. Branch
State Supervisor
Agricultural Education

PROGRAM

This is to thank you for the excellent program you prepared for Mr. Dusit Banijbatana, Director General, Royal Forest Department of Thailand, when we visited your headquarters in Macon last June 18. I was pleased to have the opportunity to be included as I had not been there before. Please extend our thanks to the many people who participated in the program.

Charles A. Rindt
U. S. Forest Service

Logging The Foresters...



The 1971 officers of the Georgia Chapter, Soil Conservation Society of America, are Bob Carter, Coastal Plains Experiment Station, Tifton, incumbent president; Charles B. Place, Jr., Georgia Forestry Commission, Macon, secretary-treasurer; Frank Bailey, U. S. Forest Service, Atlanta, vice president; and J. B. Olliff, Soil Conservation Service, Douglas, president.

AWARDS...FRANK E. CRAVEN, chief, Forest Education Division, Georgia Forestry Commission, has received a Commendation Award for originating and conducting Georgia's first "Land Use Symposium". The award was presented by Robert W. Eikleberry, president, Soil Conservation Society of America, at the 25th annual meeting of the Society in Toronto, Ontario, Canada...**HARLEY LANGDALE, SR.** of Valdosta has received the 1970 Forest Farmer Award from the Southern Forestry Conference. Langdale was cited for his outstanding and continuing contributions to the advancement of forest development and forest enterprise in the South. R.V. Miles, award chairman, made the presentation...**THE COLUMBIA COUNTY Forestry Unit** has been presented an Appreciation Award by the Harlem Woodmen of the World Camp No. 1406. Sov. Tom Whitfield presented the award.

FORESTRY PROJECT...Bob Joyce is the State winner of the Union-Camp individual Forestry Project in Georgia. His award was \$150 received at the State FFA Convention. From Lakeland, Joyce is the son of Mr. & Mrs. Chandler Joyce.

PROMOTION...Dewitt Knight has been promoted to unit supervisor of International Paper Company's Oconee Unit, according to Harold S. Winger, manager, Company's Panama City Woodlands Region. Knight will live in Madison.



Miss Georgia Forestry Sharon Sirmans appeared recently on the Del Ward Show along with the Georgia Forestry Commission's Mr. Tree. Miss Sirmans appearance on the WMAZ-TV, Macon, produced program was part of her role in promoting forestry in Georgia. She is sponsored by the Georgia Forestry Association, Gerald B. Saunders, Columbus, president.



Frank W. Bennett, Bennett & Peters, Inc., Consulting Foresters, Baton Rouge, La., has been elected president of the Association of Consulting Foresters.

EXPORTS...There were 600,225 tons of forest products exported from Georgia ports in 1968. Exports included logs, rosin, pine oil, wood pulp, linerboard, posts and poles. Others were pilings, lumber, veneer, pulp, newsprint, paper and paperboard and gum.

DIRECTORS...C. Greene Garner and Clinton G. Ames, Jr. have been elected to the board of directors of the Georgia Kraft Co., according to J.W. McSwiney, chairman of the board.

Georgia FORESTRY

September, 1970

SECOND-CLASS POSTAGE
PAID AT DRY BRANCH, GA.



—The Soil Conservation Service has adopted its first official emblem. The design, an electric blue droplet of water descending into a basin of apple green, exemplifies the relationship between water and the land which is the keystone of the agency's conservation efforts. The SCS plans to use the trademark extensively in publications, posters, signs, exhibits and on television.——

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Georgia

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Georgia Forestry Mailing Address
Route 1, Box 85
Dry Branch, Georgia 31020

OFFICIALS

A. Ray Shirley - Director
Julian D. Reeves - Deputy Director

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Thomas B. Hall - Artist

DISTRICT OFFICES

GEORGIA FORESTRY COMMISSION

STATESBORO DISTRICT

Route 2, Statesboro 30458

CAMILLA DISTRICT

P. O. Box 429, Camilla 31730

AMERICUS DISTRICT

P. O. Box 1369, Americus 31709

NEWNAN DISTRICT

P. O. Box 1080, Newnan 30263

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Cruising The News

Trees: Priceless Gift

A tree has a magical, soothing quality about it. Atlanta and North Georgia are blessed with a beautiful variety of this particular thing—a thing which man did not make, but an inheritance which he has a great responsibility to protect.

We were reminded of this recently upon reading a statement by A. R. Shirley, director of the Georgia Forestry Commission, at a meeting of forestry and agriculture officials with state politicians and industrialists near Woodbury.

Shirley urged his listeners to appreciate the tree as a near-perfect ecological tool which should not be indiscriminately bulldozed in the path of man's seemingly insatiable quest for "progress".

(From the Atlanta Journal)

Welcome Foresters

Forestry as such is not exactly what we would call our strong suit, nor are we quite sure just what the full implications are in the "Third Forest" theme to be accented during the two-day convention of the Georgia Chapter of the Society of American Foresters, being held today and tomorrow at the Augusta Town House.

But we do have considerable appreciation of what forestry has done for this State and the Nation generally, not only as the adjunct to an industry of major value to this section of the country, but also in the enrichment of the total environment.

The careful husbandry of our naturally bountiful timberlands, together with enlightened cutting and reforestation, have done much to erase the scarring left on the face of Georgia by too-long devotion to the single-crop farming of cotton. These scientific approaches, along with the rotation of soil-enriching crops, have restored much of the lost vigor to the earth. And Georgia has profited greatly from the conversion of tree pulp into paper, cardboard and other related wood products.

All of which is by way of paying tribute to the schools of forestry in this section of the country and to the various forestry organizations now meeting here in conjunction with the Society of American Foresters. We wish to welcome all of them to our city.

(From the Augusta Herald)

Co-Op Forestry Agreement Signed



Jack Delius, general manager, Parks and Recreation Department, Atlanta, and Ray Shirley, director, Georgia Forestry Commission, put signatures to agreement.

and determine their intensity. The entomologist will be available to participate on programs and in workshops as they apply to woodland and shade tree

problems, Shirley added.

The entomologist will be headquartered in the Park Training Center in Piedmont Park.

Metro Program Acclaimed



Ray Shirley, director, Georgia Forestry Commission, right, accepts Metro award from Ed Cliff, chief, U. S. Forest Service.

The Georgia Forestry Commission and the City of Atlanta have entered into an agreement providing for a forestry entomologist who will divide his time equally between the City and the Forestry Commission.

The announcement was made jointly by Ray Shirley, Commission director, and Sam Massell, mayor, City of Atlanta.

The entomologist is Robert G. Stryker. He comes to the joint program from the U. S. Forest Service in Andalusia, Ala.

Mayor Massell said the entomologist will work in the city's Parks and Recreation Department. In this capacity, he will have the responsibility of maintaining the natural setting of the parks, evaluate insect and disease outbreaks and implement effective control practices.

Shirley stated that his duties with the Forestry Commission will entail giving technical advice and guidance to landowners on ways and means of minimizing forest losses from pests through good silvicultural practices and by application of pesticides. He will conduct an annual insect and disease survey of the State to locate outbreaks

The Georgia Forestry Commission's Metro Forestry Program has received national recognition.

Ray Shirley, Commission director, Macon, was presented a bronze plaque for his leadership in initiating the metro program. Ed Cliff, chief, U. S. Forest Service, Department of Agriculture, Washington, D. C., made the presentation at the annual meeting of the National Association of State Foresters in Santa Fe, N. M.

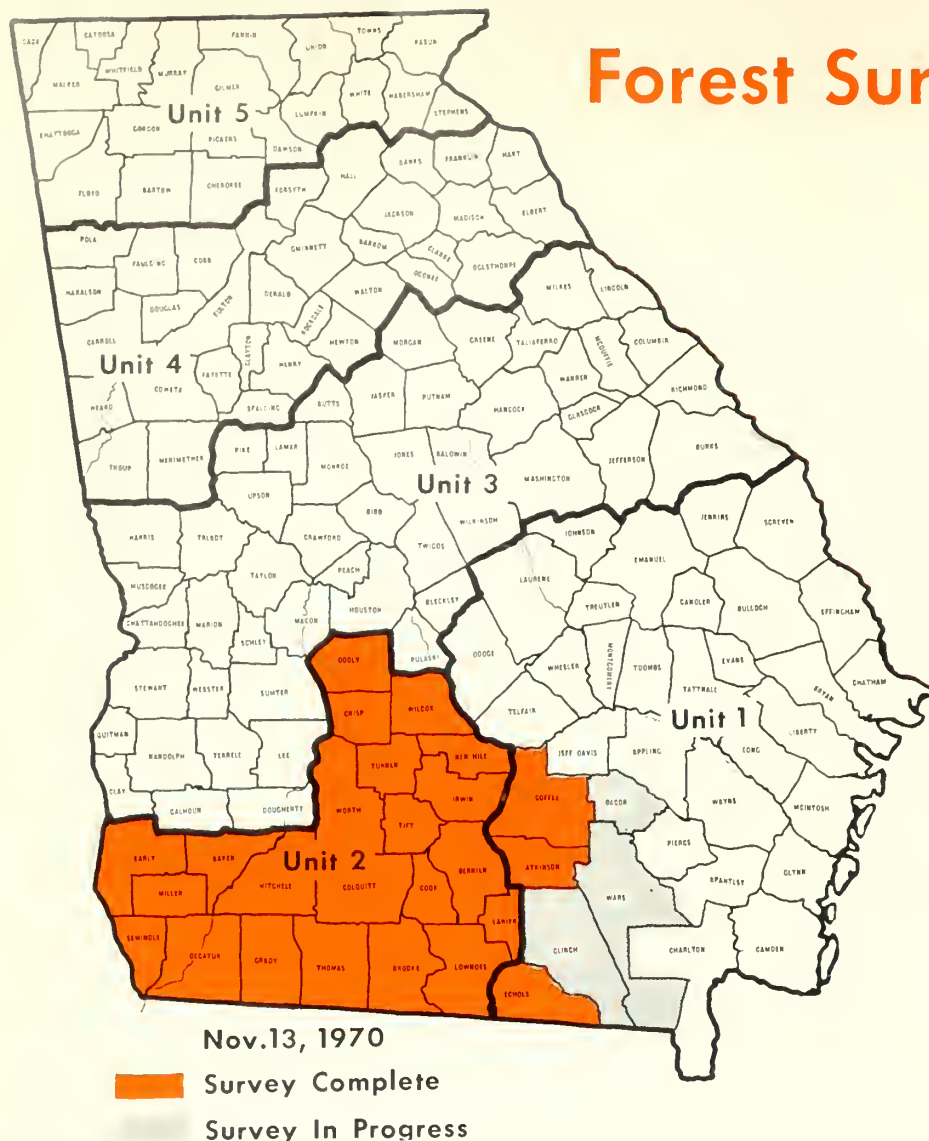
The award read; "For outstanding vision, ingenuity and professional leadership in providing technical forestry assistance to the urban residents of Georgia. Your enhancement of the environmental quality of urban Georgia reflects great credit upon you, your organization and the State."

Cliff cited Shirley's concern for strengthening and developing the natural resource base of Georgia, noting that this new program is testimony to an active concern for the quality of the total environment.

The Atlanta Metro Forestry Program was initiated in 1967.

Forest Survey

On Schedule



The forest survey of Georgia's 37.7 million forest acres is 17 percent complete according to the mid-November report of Thomas R. Bellamy, field supervisor for the survey.

Bellamy stated that the field work in the southwestern section of the state was completed three weeks ahead of schedule. A preliminary report on the section is slated to be released about February 1, 1971, he added.

Bellamy said that the southeastern section of the coastal plain is 11 percent complete. At present the survey team consists of five two-man teams. The Georgia Forestry Commission is providing one man each on two of the teams.

With the completion of the southwestern section, the survey field office has been moved from Moultrie to Jesup. The State headquarters for the survey field work is the Georgia Forest Research Council at the Georgia Forestry Center near Macon.

The survey is scheduled over a three year period. Bellamy stated that to complete the statewide survey will require visiting and tabulating conditions at 6,796 separate forest plots.

Tree Seedlings Available

Improved, "Super", tree seedlings grown from certified seed are being made available to Georgia landowners for the first time this year, announces Ray Shirley, director, Georgia Forestry Commission, Macon.

The certified seed stock accounts for 23 percent of the total seedling crop of 59,958,309 trees, Shirley said. All improved tree seedlings represent more than 46 percent of the crop. The improved seedlings consist of loblolly and slash pine trees.

Of the total seedling crop, 9,720,400 seedlings are being grown under contract for industries. The seed, furnished by industry, come from their seed producing orchards.

Shirley emphasized that seedling orders are processed on a first come, first serve basis. The Forestry Commission

has approximately seven million tree seedlings for sale.

In announcing the availability of seedlings, Shirley reported that the price on all regular species of pine has been increased to \$5 per thousand, an increase of 50 cents. The species include longleaf, shortleaf, slash and Virginia pines. The Forestry Commission director cited increased cost of production for the price increase.

Other available species and cost per thousand are improved loblolly and bicolor lespedeza, \$6; and eastern white pine, \$9. Priced at \$10 are Arizona cypress, black walnut, catalpa, chestnut oak, sawtooth oak, red cedar and yellow poplar. Dogwood is \$25 per thousand.

A transportation charge of 50 cents per thousand trees must be added to above costs if trees are delivered by

State truck to county ranger headquarters.

James C. Wynens, chief, Reforestation Division, emphasizes that payment must accompany all orders before shipment can be made. No refunds will be made on orders cancelled after February 1, 1971.

Wynens pointed out that seedling application forms can be obtained from the Forestry Commission county rangers, county agents, Soil Conservation Service technicians and Agricultural Conservation Program officers. All orders must be submitted on a Forestry Commission application form.

For assistance in determining your reforestation needs, contact your local county forest ranger.

Administrative Schools Attended

Georgia Forestry Commission supervisory personnel have taken part in two four-day Administrative Management schools.

Ray Shirley, Commission director, Macon, said that the first school for Middle and South Georgia personnel, was held at Middle Georgia College, Cochran. The second school, for Middle and North Georgia personnel, was held at Southern Tech, Marietta. There were 83 persons that took part in the two schools.

There are three three-day Administrative Management schools scheduled for December and January. They will be held at Suwanee, Rock Eagle 4-H Center near Eatonton and at the Herty Building on the Waycross State Forest. Approximately 50 persons will be attending each school.

Shirley pointed out that the schools are designed to improve the administrative management skills of the supervisors. The material includes Management, Human Relations and Communications.

The four-day schools were conducted by Bruce Courtwright, employee development officer, Region 8, U.S. Forest Service, Atlanta. He was assisted by Ira Bray, public information officer, R.M. Minor, acting assistant area director, Jerry Rockett and Howard Burnett, management analysts, all of the Region 8, USFS, Atlanta.

Frank Craven, chief, Forest Education, Georgia Forestry Commission, Macon, coordinated arrangements between the Commission and the USFS.



Bruce Courtwright, employee development officer, Region Eight, U. S. Forest Service, Atlanta, headed schools.

Seed Supply Replenished

The Georgia Forestry Commission's slash pine cone collection drive produced 4,000 bushels of cones, according to James C. Wynens, chief, Commission Reforestation Division.

Wynens stated that the cones were collected in Middle and South Georgia with the bulk of the crop coming from the Statesboro and Swainsboro areas. He pointed out that the cones will yield enough seed to grow approximately 20-million tree seedlings.

Ray Shirley, Forestry Commission director, said the seed will be used to supplement the seed supply collected from the Forestry Commission's improved, "super" trees if necessary. Until used, the seed are kept in cold storage.



Mrs. Wayne Kea purchases slash pine cones from Don Ray. He is the son of L.A. Ray, ranger, Emanuel County Forestry Unit, Swainsboro.



Graduation!!! Turner Barber receives certificate from Director Ray Shirley.

Public Understanding Needed

How to relate forest conservation activities to intense public demand for environmental reform was one of the key concerns of 500 members of the American Forestry Association who gathered in Atlanta for a week-long 95th annual meeting.

The theme was "Trees for a Quality Environment".

Keynoter J. Phil Campbell, an Undersecretary of Agriculture, of Georgia, cited the need to take a hard and critical look at our trees, and determine how we want to use them for the greatest good of the greatest number of our people.

"We must widen and deepen public understanding of the fact that the use of the forest for products and its use for 'environment' are fully compatible", he noted. "The forests of the South today and the booming development of the forest industry in the South give evidence that environmental improvement can be totally consistent with timber production and use."

Campbell concluded that by working together we can use trees to improve our standard of living and our environment.

Senator Jennings Randolph of West Virginia spoke of his State which is currently involved in a public-Forest Service dispute over the application of even aged forest management methods. West Virginians are pressing for less clear-cutting in their forests, and more emphasis on all the multiple uses and aesthetic concerns.

Keen interest has been shown nationally in Atlanta's Metro Forestry Program as directed by the Georgia Forestry Commission under Ray Shirley. Visits by metro foresters to metropolitan area tree owners are seen as a new and pioneer way to win the support of city and suburban people for forestry programs everywhere. Resource directors in a number of States have evinced interest in this program.

A feature of the business session was a presentation by John Squires, chairman, Southern Forest Resource Council, on "The Third Forest", a planting program that has sparked interest nationally. Fred C. Gragg, vice president, International Paper Company, and a director of the AFA, in October wrote in *American Forests* that the goal of southern forestry by the year 2000 will be 13



J. Phil Campbell

billion cubic feet of wood annually, or more than half of the nation's wood products.

"A Public Administrator Looks at Forest Environment" was the topic of Theodore A. Schlapfer, Region Eight forester, U.S. Forest Service, Atlanta. This was further recognition that the public is demanding more of resource administrators for environmental concerns than ever before.

Others on the program were Paul M.

Dunn, president, New York City; William E. Towell, executive vice president and Kenneth Pomeroy, chief forester, Washington, D.C., all of AFA.

W. George Beasley, Lavonia, "A Farmer Looks at Forestry"; John Mixon, metro forester, Atlanta; Mrs. Mary Sizemore, consultant, Tallassee, Ala., "Trees for Fun and Profit"; Miss Kathy Gilmore, the University of North Carolina, Chapel Hill, "Earth Day" activities; Thomas H. Ripley, director, Division of Forestry and Fisheries, TVA, Norris, Tenn.; and Ingvar Ekholm, Agricultural and Forestry attache, Royal Embassy of Sweden complete the list.

The sessions opened with a welcome from Governor Lester Maddox. Aside from the business sessions, field trips were taken to Fernbank Science Center, Piedmont National Wildlife Refuge and the Georgia Forestry Center.

The annual banquet featured Ed Dodd, creator of "Mark Trail". Another highlight was the presentation of the Association's Distinguished Service Award to Henry E. Clepper. Clepper is the retired executive secretary of the Society of American Foresters.



Forestry Commission head Ray Shirley, center, confers with AFA leaders Kenneth Pomeroy and William E. Towell. The occasion was a tour of the Georgia Forestry Center during AFA's 95th annual meeting.

Dean Herrick Named To Hall Of Fame

The name of Dr. Allyn M. Herrick, dean, University of Georgia School of Forest Resources, Athens has been inscribed in the Foresters Hall of Fame.

The ceremony was held in conjunction with the joint meeting of the Georgia Chapter, Society of American Foresters and the University of Georgia Alumni Association. The presentation was made by Assistant Professor Reid Parker, member, Hall of Fame Committee, Athens.

Dean Herrick becomes the ninth man to enter the Foresters Hall of Fame. "The Hall of Fame" provides a means of honoring those persons who have been responsible for the outstanding success of the forestry program in Georgia. The Hall of Fame plaque is kept on display at the School of Forest Resources in Athens.

Some 250 foresters attended the two-day conference to hear forestry experts discuss "The Third Forest". The Third Forest report is the result of a comprehensive study made in the South by the forest industry to determine future forestry needs. A package of 14 recommendations emerged from the report.

Keynoting the meeting was George Kelly, executive vice president, Southern Forest Institute, Atlanta. Other speakers were William M. Oettmeier, president, Superior Pine Products Company, Fargo, The First Forest; Henry J.



The 1971 slate of officers, for the Georgia Chapter, SAF, were installed by outgoing chairman S. L. Anderson, Jr., left. The new officers are Randy McQuaig, chairman, Perry; E. A. "Gus" Woodall, chairman-elect, Ashburn; and Turner F. Barber, Jr., secretary-treasurer, Macon.

Malsberger, retired general manager, Southern Pulpwood Association, Atlanta, The Second Forest; J. O. Cantrell, Division Management and Engineering Forester, Continental Can Co., Savannah, The Third Forest Recommendations and their Implementation by the Pulp Industry.

Other speakers included William E. Morse, procurement supervisor, Del-Cook Lumber Co., Adel, The Sawmill Industry; K. S. Rolston, Jr., administrative assistant, American Pulpwood Association, New York, Mechanized Harvesting; Ray Shirley, director, Georgia Forestry Commission, Macon, State Forestry Commission and Darold Westerberg, supervisor, Chattahoochee-Oconee National Forests, Gainesville, U. S. Forest Service.

Concluding the program were H. E. Ruark, director, Georgia Forest Research Council, Macon, Forest Research; Dr. Allyn Herrick, dean, School of Forest Resources, University of Georgia, Athens, Forestry Schools; C. Nelson

Brightwell, extension forester, Cooperative Extension Service, Athens, Extension Forestry; Eley Frazer, consultant forester, Albany, The Consultants; and Dr. Sidney Johnson, Institute of Natural Resources, University of Georgia, Athens, Recreation and Wildlife.

The new Chapter officers are Randy McQuaig, chairman, assistant manager, Mortgage Loan Department, Travelers Insurance Company, Perry; E. A. "Gus" Woodall, chairman-elect, area supervisor, Del-Cook Lumber Company, Ashburn; and Turner F. Barber, Jr., associate chief, Forest Management, Georgia Forestry Commission, Macon.

Heading the Association are Julian D. Reeves, president, deputy director, Forestry Commission, Atlanta; Harvey C. Mills, president-elect, manager, Marketing Resources, Georgia Kraft Company, Macon; and Sam Thacker, secretary-treasurer, instructor, University of Georgia School of Forest Resources, Athens.

McQuaig was the program chairman.



Dean A. M. Herrick, School of Forest Resources, University of Georgia, Athens, receives Hall of Fame plaque from committee member Reid Parker.

Volunteer firefighters from the Georgia Forestry Commission went West the week of August 24-28 to fight forest fires on the national forests in Idaho, Montana and Washington.

The 46 Forestry Commission volunteers were divided into two separate groups. One was headed by Curtis S. Barnes, associate chief, Forest Protection, Macon. Ollie C. Burtz, district forester, Gainesville, headed the other group. The two foresters served as liaison officers between the Forestry Commission and the U. S. Forest Service.

Barnes' group, 27 men, completed a successful fire campaign against the Cross Creek fire on the Lewis and Clark National Forest near White Sulphur Springs, Mont. Approximately 4,000 acres were burned.

The Burtz led volunteers battled the 40,000 acre Entiat fire in eastern Washington. The volunteers, for the most part, came from the northern sections of the State because of their experience in fighting fires in mountain terrain.

Southwide, more than 1,000 firefighters went to the western States to help battle the huge forest fires on National Forests in the area. The personnel came from all National Forests in the South, the Regional Office, Southeastern Area, State and Private Forestry, State Forestry organizations and Job Corps Civilian Conservation Centers.

Spokesmen for the U. S. Forest Service said they were able to send so many men because the southern fire season does not start until the fall. Operations of National Forests continued on a reduced scale with skeleton crews while the firefighters were in the Northwest.

One fire on the Wenatchee National Forest in Washington covered 40,000 acres and then crossed into the Okanogan National Forest. Large fires also broke out on the Payette National Forest in Idaho; and the Kootenai, Clearwater and Lewis and Clark National Forests in Montana. The major fire cause was lightning.

The local call for volunteers originated from Carl C. Hickerson, chief, Fire Control Division, Region Eight, U. S. Forest Service, Atlanta.

The volunteers and districts represented were Van T. Pender, Americus; Allen, Kenneth Blackburn, Power, Joe Charles, George



Firefighters W

FIRE CREWS WESTWARD

*Out of the red hills and blue ridges
they came, led by mountain men,
Following the sun at half a
thousand miles per hour-
The first transcontinental fire team
four crews, about a hundred strong.
There will be more who go
this very way to fight and win.
There will be more who know
the torch-out's awesome power.
These were the first to volunteer
to grab up their gear and go along.*

*Georgians and Tennesseans to Montana,
the elk range on Daisy Mountain's side,
With Blackfoot and Crow into the smokey heat,
pulaskis cut the duff to mineral soil,
Shovels fly and bombers slash the slurry
across the head fires path.
Dying flames and lessening smoke
across the land so still and wide
Yielding to the will and fury
of the fire crews as they toil.
They streak back into the sun
black, tired, dead out - the aftermath.*

Sam Martin
Project Forester
Georgia Forestry Commission



The Waiting



The Return

Davis, Doug Haney, Buster Harris, Sam Martin, Donnie Miller, Jack Moss, Floyd Scott and Ed Wright, Gainesville; Robert Crawford, Prentice Edwards, Sammy Gunn, Alton Hester, Bill Raley, Otis Tanner, Jack Wagner, Willie Wilder and Coy Womack, Milledgeville; Earl Bonner, Johnny Butler, Charles Carter, Bill Crews, Lewis Fernanders, L. M. Lassiter, Loyd Mann, Bill McLucas, Hugh Ray and Oliver Strickland, Newnan; Hollis Burns, Larry Caldwell, Dewey Costelow, Johnny Harris, Spencer McGraw, James Moore, Alton Rogers, Fred Schlosshan, Gene Walraven and John Wefford, Rome; Thomas Coombs, Billy Ray and James Stanford, Washington.



James C. Turner, Jr., chief, Forest Protection, Georgia Forestry Commission, second from left, hear volunteers tell how they had it in the bag.

Forestry Faces

Four Georgia Forestry Commission employees, with experience totaling 96-years, have retired. William N. Alexander, superintendent, Davisboro Nursery, E.J. Hall, Brooks County ranger, Mrs. Mabel Holder, Camilla District Office secretary and L. Jasper Stokes, Waycross Area ranger were recently honored by their fellow employees, friends and relatives.

Alexander worked for the Forestry Commission over a period of 17-years becoming a permanent employee in 1956. He advanced from day laborer to superintendent. The nurseryman recalled the largest crop of tree seedlings grown at Davisboro, six million in 1958.

Alexander plans to retire to his farm and look after his woodlands.

Mrs. Holder, a native of Wadley, Ala., began work as secretary under forester Hugh Allen in October 1949. The office consisted of a small room in City Hall, she recounted. In 1949, only two counties in all of Southwest Georgia had forest protection. By July of 1953, all counties in the area had protection units. Friends of Mrs. Holder gave her two weeks to work at this demanding job but the challenge of the job coupled with her love of the out of doors and trees kept her on the job these many years according to Allen.

Asked about her retirement plans the secretary stated she intends to relax



Mrs. Mabel Holder and E. J. Hall are principals in retirement ceremonies presided over by Hugh P. Allen, forester, Camilla District, center.

and enjoy her six grandchildren including those who live near Dallas, Texas.

A native of Brooks County, E. J. Hall, in November 1952, cast his lot with the then Department of Forestry becoming Brooks County's second Forest Ranger. He recalled at that time, he had a used pickup truck with a water tank and hand tools to fight the forest fires. He had two men on call to assist him. The first year he and his men fought over 300 fires, and admitted there were others that just burned out when he couldn't get to them. Today, thanks to his efforts in fire prevention, the county averages only 30-40 fires per year. He recounted his first office was in his home. Then, he shared an office with the county agent, the school superintendent and finally in 1960 moved into the modern Ranger's office located on the Madison Highway. Without today's modern two-way radio, forest fire reporting had to be handled by telephone. Hall worked out a deal with a local radio station to break-in any program and announce the location of fires called.

Ranger Hall has no definite retirement plans other than to enjoy his family and come and go as he pleases regard-

less of dry weather.

Stokes reminisced about his early days as Ranger. He said back in the 30's they literally fought fire with their bare hands. When large fires broke out he called upon landowners and CCC's to give him a hand. Today, his unit is a model of efficiency containing the most modern fire fighting equipment along with highly trained men.



William N. Alexander, Commission Forest Superintendent, receives 35 years of service award from James C. Wynens, Commission Reforestation Chief.



James C. Wynens, Commission Reforestation chief, presents Faithful Service Award to William N. Alexander, retiring nursery superintendent.

And Places

Stokes recalled the worst fire he ever fought. It was the Mule Tail Fire back in 1954 which burned in excess of 19,000 acres of "hill land" in and around the Okefenokee Swamp. High winds and low humidity made fire fighting in the swamp most difficult as time after time fire breaks were jumped by wind blown flames. The Ranger said he never wished to see another fire of this magnitude.

Asked about his retirement plans, Stokes said he has six months work to do on his house and garden. It will be a pleasure, he added, to be able to live with his family and not be on call for fire duty.

Ray Shirley, Commission director, termed Alexander's efficiency and dedication a tribute to the State and his family.

He called Mrs. Holder a model of efficiency, and her congenial personality made many friends for the organization.

The Commission director praised Hall for his dedicated service to the people of Brooks County who benefited from his fire prevention and suppression activities.

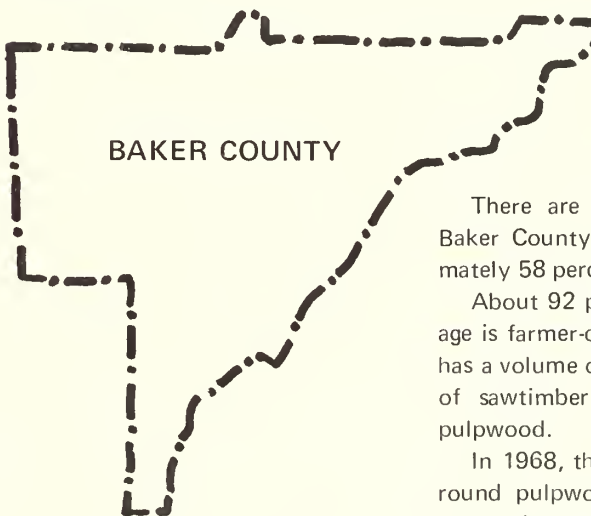
Shirley cited Stokes for his pioneering efforts in forest fire protection, suppression and equipment. His leadership and wise, prudent use of available resources attested to his excellent judgment and ability.



H. L. Neal, Jr. is the area forester for the three county area of Brantley, Camden and Glynn. He works out of the



The 1970 Miss Georgia Forestry, Sharon Sirmans of Adel, is featured in a five minute Georgia Forestry Commission TV production, "A Queen's Reign". In the above fire prevention sequence with a group of Boy Scouts, Miss Sirmans shares the spotlight with "Smokey the Bear" and John Mainor, ranger Cook County Forestry Unit. The filming is by Ollie Knott, Jr., Commission Forest Education assistant.



There are 132,400 forest acres in Baker County. This represents approximately 58 percent of the land area.

About 92 percent of the forest acreage is farmer-owned. The forest acreage has a volume of 155.4 million board feet of sawtimber and 748,000 cords of pulpwood.

In 1968, there were 25,933 cords of round pulpwood produced. The 1968 production was the county's highest productive year. Since 1946, production has totaled 177,544 cords of round pulpwood.

Glynn County Unit at Brunswick.

Neal came with the Forestry Commission in June 1958 as a reforestation assistant. In 1961, he was promoted to assistant district forester working in the Waycross District in Forest Management and Forest Protection. Neal assumed his present responsibilities in July 1969.

A native of Laurens County, Neal is a graduate of the University of Georgia School of Forest Resources. There, he was a member of the Forestry Club and a student member of the Society of American Foresters. He attended Abraham Baldwin Agricultural College at Tifton for two years prior to going to the University.

Neal is a member of the Society of American Foresters and the Georgia Forestry Association.

The forester was honorably discharged from the Georgia National Guard in 1966 with the rank of Staff Sergeant.

Neal and his wife, the former Laura Pearl Harden of Wheeler County, have a son, Brian Lee, two. The family is a member of the Pine Ridge Baptist Church where Neal is a director of the 10-year old Sunday School Department and is a member of the church choir.



Rope Tying



The Rescue



Ladder Climbing

Competition Spurs RFD Progress

Units of the Davisboro Volunteer Rural Fire Defense emerged victorious over Sandersville recently at a competitive meet featuring fire suppression and rescue techniques.

The contest was held in Davisboro before an audience of more than 200 people. Nineteen counties in the Savannah River Area are competing in the fire defense games.

The City of Davisboro, in cooperation with the Georgia Forestry Commission, has participated in the Rural Fire Defense Program since February 1969. During this period the unit has participated in the suppression of 45 fires. This year these fires involved forest fires according to Mayor Kenneth McNeely, Davisboro.

Mayor McNeely stated that the Rural Fire Defense Program was organized to provide training in fire suppression and rescue techniques and to provide a means of fire origin and

fires originate in grass or debris adjacent to suburban areas.

These fire exercises, said Mayor McNeely, not only gives Davisboro recognition, but keeps the Unit alert and makes them more efficient when a fire is confronted.

Davisboro was the first Washington County community to participate in the Rural Fire Defense Program. To date, the Unit is equipped with an 800 gallon tanker and a 540 gallon pumper. This equipment was loaned by the Georgia Forestry Commission and was acquired as surplus from the federal government and the Forestry Commission.

The local unit is manned by the volunteer fire department with Robert Black serving as chief. Black stated that the Unit operates within a four mile radius of Davisboro.

He emphasized that the Unit is a community project. This was well illus-

trated through a joint hamburger supper and cake sale during the competitive events. The money received from these joint projects is used to purchase equipment to better prepare the Unit for fire defense.

In addition the volunteer unit has constructed a building to house a pump-er for winter use.

Black stated that the Unit's 25 volunteers have participated in a 60 hour fire suppression school. The school was conducted by Lt. W. T. McDonnell, instructor, Georgia Fire Institute.

George Turk, Davisboro Area forester, said that the volunteer fire control group will make more effective fire suppression efforts by the Unit which is called to many of these fires.

Turk added that his group will advise us of any burning or threatened burning of forest areas. In addition, they will support us when a forest fire occurs in the vicinity of Davisboro.

22 - Years A Leader

Georgia, for the 22nd consecutive year, has led the South in pulpwood production. The 1969 production of 7,303,500 cords represented an increase of six percent over 1968, according to the report Southern Pulpwood Production, 1968, released by the Forest Service, U. S. Department of Agriculture.

Alabama was second with a production of 6,378,700 cords of round pulpwood and residues.

The South established another record high of 40,868,990 cords, an increase of 10 percent over 1968. The production

also represented two-thirds of the nation's total. For the first time since 1951, each State showed an increase in production over the previous year.

Other southern States producing more than two million cords were Arkansas, Florida, Louisiana, Mississippi, North Carolina, South Carolina, Texas and Virginia.

Georgia has seven of the 62 counties that produced over 100,000 cords each. Wayne County led Georgia with a production of 193,183 cords. This placed the South Georgia county third in the

South behind Baldwin and Washington Counties in Alabama. The other Georgia counties were Appling, Brantley, Camden, Clinch, Liberty and Ware.

Georgia again led the South in wood residue production with 1,195,000 cords. This is a six percent increase over 1968. Wood residue production in the South was more than 8.3 million cords, a 10 percent increase over the previous year.

The daily pulping capacity for Georgia's 15 pulpmills was 13,478 tons per day. This is an increase of 112 tons per day for the reporting period. The daily pulping of the 105 southern mills totaled 80,980 tons, up five percent from 1968. There were seven mills under construction at the end of 1968. These mills will add 1,580 tons to the daily pulping capacity.

The report includes charts and graphs on the number of companies procuring wood, mill capacity, production increases and declines and detailed tables on all phases of production by State. Hardwood and pine pulpwood cordage is listed by State and county.

Equipment Clinics Held

Wood harvesting classes from five area high schools participated in one day equipment clinics recently, according to Clinic Coordinator E. L. Carswell, area forester, State Department of Education, Ashburn. Approximately 75 students attended the training sessions held at Homerville.

The high schools participating in the training were Atkinson County, Pearson; Berrien County, Nashville; Charlton County, Folkston; Clinch County, Homerville; and Lanier County, Lakeland.

Carswell stated that a different school came each day. The boys were oriented on the various pieces of equipment, shown how to operate them and then allowed to operate the equipment under supervision. The equipment included a loader, shear skidder, cable skidder and grapple skidder.

The clinics offer the youth an opportunity to become familiar with the various types of equipment. Most of the schools have at least one piece of equipment for use in training.



Students learned how to operate a loader at the recent Equipment Clinic held at Homerville. The instructor is John L. Purvis, assistant territory manager, John Deere, Macon. The students are members of Wood Harvesting classes at their respective high schools.

Carswell pointed out that only 24 schools offer the wood harvesting course in the State. The course is designed to train the boy in the operation and maintenance of wood harvesting equipment.

The Homerville Clinics were held on the property of Brunswick Pulp and Paper Company. The equipment was furnished by the Valdosta Tractor Company, an industrial dealer for John Deere.

Prof Grant Dies



Bishop F. Grant, 73, retired professor, University of Georgia School of Forest Resources, Athens, has died. Prof Grant taught at the University for 36-years.

The Professor Emeritus was one of eight Georgians that were initially inducted into the Georgia Foresters' Hall of Fame in 1969.

A native of Walhalla, S. C., he received his BSF, 1925, and MSF, 1933, from the University of Georgia. Following graduation he served for several years as an industrial forester with the Southern Lumber and Timber Co.

In 1929, Grant joined the faculty of the University of Georgia School of Forest Resources, and continued in this capacity until his retirement in 1965. At this time, he was named Professor Emeritus. As a faculty member, he served as the director of the Soph. summer camp, 1935-64, was acting Dean, 1956-57, and served as student advisor and curriculum coordinator.

Prof Grant was chairman for the Southeastern Section, SAF, in 1944, and also served as Historian for several years. Honorary memberships included Xi Sigma Pi, Alpha Zeta, Gamma Sigma Xi, Phi Kappa Phi and Who's Who in American Colleges and Universities.

He served on the University's Athletic Board and was faculty chairman of that body at the time of his death. He also served on the University's Board of Trustees. He was a member of countless organizations in his State, and served as a member of the Georgia Foresters' Association.

LETTERS

VOLUNTEERS

On behalf of the Forest Service and the Western Regions in particular, I thank you for your quick and willing response to our request for volunteer firefighters to help with the severe fire situation in the Northwest. You can be sure each individual effort on the part of you and your men is deeply appreciated.

Approximately 1,325 men were mobilized from the Southeastern Area, including 336 men from the State Forestry organizations. Several other state crews were on standby, but fortunately they were not needed. The 46 men from Georgia received the highest praise from their Forest Service Liaison Officers. These officers report that the efforts and conduct of your people under new and unusually difficult conditions was outstanding.

This rapid movement of experienced manpower and participation by several southeastern states has set a precedent for the National Wildfire Control Program. The action taken in this emergency situation can and should be provided for in each agency's operating plan.

If the call for assistance comes again, you can be sure Georgia will be called upon because of the willing and able assistance given on this emergency situation.

D. A. Craig
Area Director
Southeastern Area
State and Private Forestry
USDA, Forest Service
Atlanta, Georgia

EDUCATION

I would like to take this opportunity to thank you for your recent cooperation and assistance in helping us identify the Dutch elm disease at the home of Mr. O. Wayne Rollins. Through your recommendations, the diseased tree was removed immediately, and we began a spray program on the other trees to control the elm bark beetle.

R. M. Russell
Vice President-Training & Standards
Orkin Exterminating Co., Inc.
Atlanta, Ga.

Many thanks for sending us the material from the Georgia Forestry Commission and news of the Fulton County Forestry Unit.

John L. George
Assoc. Professor of Wildlife
Management
Pennsylvania State University
University Park, Pennsylvania

Logging The



Harry Rossoll, artist, U. S. Forest Service, Region Eight, Atlanta, is the recipient of the Soil Conservation Society of America Merit Award. The award was presented for Rossoll's work in the "Smokey Bear" Program.

EXPOSITION...The 1971 Machinery and Equipment Exposition of the Southern Forest Products Association will be held April 30-May 3 at the Southeastern Fair Grounds, Atlanta. The exhibits will cover all areas of forest management, harvesting, forest products manufacture and various related processes. The Exposition is being held in conjunction with the annual meeting of SFPA, May 3-4, in the Regency Hyatt House, Atlanta.

SYMPOSIUM...A symposium on the "Role of Trees in the South's Urban Environment" will be held at the University of Georgia Center for Continuing Education, Athens, Jan. 31-Feb. 3, 1971. The symposium is sponsored by the University of Georgia School of Forest Resources, Georgia Forestry Commission, U. S. Forest Service, Southeastern Area, State and Private Forestry and the Center for Continuing Education.

AGREEMENT...Eley Frazer, III, president, Association of Consulting Foresters, Albany, has signed an agreement designed to help more private consulting foresters become established in the Tennessee Valley. Participating in the signing were TVA representatives Dr. Thomas H. Ripley, Lynn Seeber and William G. Grieve.

Foresters...

Service Awards

30 YEARS

George Bishop..... Forest Administration Chief
Macon, Ga.
September 1, 1970

Frank J. Pullen..... Project Forester
Talbotton, Ga.
September 1, 1970

Olin Witherington..... Americus District Forester
Americus, Ga.
September 1, 1970

25 YEARS

Pendley J. Holmes..... Rome District Ranger
Rome, Ga.
September 1, 1970

Winfred E. Lee..... Forest Investigator
Newnan, Ga.
May 1, 1970

Lester L. Lundy..... Equipment and Real Estate Chief
Macon, Ga.
September 1, 1970

James Reid..... McRae District Forester
McRae, Ga.
September 1, 1970

Garnett Woodward..... Forest Patrolman, Monroe County
Forsyth, Ga.
May 1, 1970

20 YEARS

Crawford V. Bramlett..... Whitfield County Ranger
Dalton, Ga.
April 1, 1970

Horace G. Collier, Jr..... Washington District Forester
Washington, Ga.
September 1, 1970

Floyd M. Cook..... Columbus Area Forester
Columbus, Ga.
September 1, 1970

Henry D. Griffin..... Patrolman, Clinch County
Homerville, Ga.
June 1, 1970

Troy Floyd..... Floyd County Ranger
Rome, Ga.
April 1, 1970

Chesley Gilmore..... Macon-Schley County Ranger
Oglethorpe, Ga.
April 1, 1970

J. L. Dover..... Gilmer County Ranger
Ellijay, Ga.
September 1, 1970

Ernest C. Rahn..... Effingham County Ranger
Springfield, Ga.
April 1, 1970

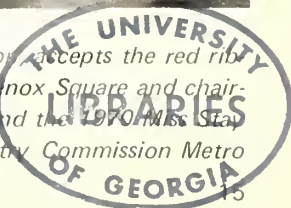
PROMOTIONS...The following Area foresters have been named. They are Lewis Gillis, Waycross Area; Gerald Green, Millen Area; Wesley Jones, Americus Area; and Gene Rogers, Statesboro Area. Francis Palmer, Savannah, and Rufus Youmans, Macon, are new Metro foresters.

MEETING...The Southeastern Section, Society of American Foresters, and the Forest Products Research Society will hold a joint meeting, Jan. 6-7, 1971, at Atlanta in the American Motel. E.A. Davenport, Jr., assistant superintendent, Conservation Department, Union Camp Paper Corp., Savannah, heads the SAF. FPRS is headed by Harold O. Baxter, marketing specialist, Agricultural Extension Service, Athens.

AWARD...James C. Turner, Jr., chief, Forest Protection Division, Georgia Forestry Commission, is the recipient of the Future Farmers of America Honorary State Farmer Award.

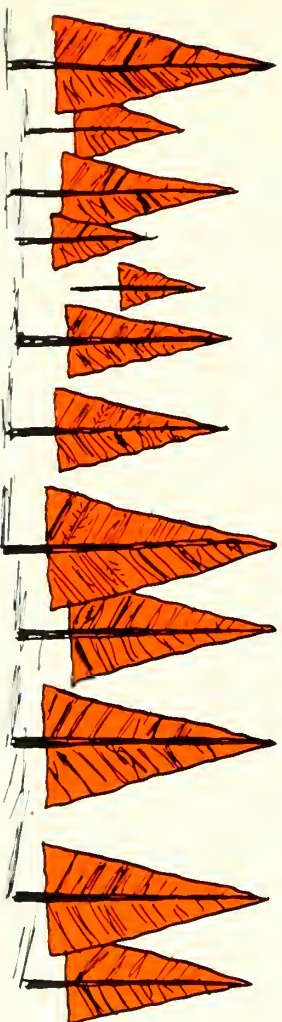


Marvin Barnes, representing the Georgia Forestry Commission, accepts the red ribbon, second place award, from Chess Lagomarsino, V. P., Lenox Square and chairman of the Georgia Chamber of Commerce Travel Council and the 1970 Miss Georgia and See Georgia Week, Laura Shouse. Louie Deaton, Forestry Commission Metro Forester, acts as "Mr. Tree".



Georgia FORESTRY

December, 1970



HERE ARE SOME BASIC FACTS ABOUT CHRISTMAS TREES...As Protection Against Pollution

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*Christmas trees put carbon dioxide laden air through a filtering system (photosynthesis) and expell it as pure oxygen.

*Christmas tree plantations have created scenic green belts...abated land erosion...protected water supplies...supported wildlife and offered birds a unique sanctuary.

*All forty-five million Christmas trees harvested for American families each year are replaced on about a two-for-one ratio.

*Production of oxygen in a Christmas tree is highest during its first ten years of growth. The process slows appreciably after fifteen years of growth.

*Christmas trees are diodegradable - they will decompose and return to soil; something metal or plastic can't do.

*Christmas trees, absorbing water through the trunk, will not support flame. This is a fact demonstrated to many fire departments.





